

**PUBLIC WORKS BID AND CONTRACT DOCUMENTS**

**MCWD 2024 Hot Mix Patching**

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# 1 BIDDING REQUIREMENTS

## 1.1 INVITATION TO BID

Sealed proposals will be received at the office of the Mammoth Community Water District (MCWD), located at 1315 Meridian Boulevard, Mammoth Lakes, CA 93546 or by electronic submission, until **4:00 PM local time on September 20, 2024** or such later date as may be set by addendum, and then will be publicly opened and read for the work required of the following public works project:

### **MCWD 2024 Hot Mix Patching**

**The project will involve patching at 15 locations throughout the town of Mammoth Lakes and the Lakes Basin. Project will be started after September 20<sup>th</sup> and completed before October 15 or later with weather and TOML approval. For locations and specifications see Appendix A.**

The bid documents for the Project, including the contract, instructions to bidders, bid forms, and plans and specifications, may be examined at the District office, with prior notice to the District's representative, located at 1315 Meridian Blvd, Mammoth Lakes, CA 93546. A copy of bid documents may be obtained at the District's office upon request. Bidders must comply with the Instructions to Bidders. The bid documents are also available on-line for download at: <https://mcwd.dst.ca.us/>

The successful bidder will be required to furnish a payment bond in the full amount of the Contract price, and insurance with certificates and endorsements of insurance, as provided in the Contract Documents included in Appendix B. The required bonds must be provided only by a surety insurer who is admitted to do business by, and in good standing with, the California Department of Insurance.

Bidders are hereby notified that in accordance with Public Contract Code section 22300, securities may be substituted for any monies that the District may withhold pursuant to the terms of this Contract to ensure performance.

The successful bidder must possess the following classification or type of contractor's license issued by the Contractors State License Board: Class A General Engineering, California.

The attention of bidders is directed to the requirements and conditions of employment to be observed and prevailing wage rates to be paid to all workers employed under the Contract in accordance with Labor Code sections 1770 and following. Copies of the prevailing rate of per diem wages are on file at the District's office and will be made available to any interested party on request. In accordance with Labor Code section 1771.4(a)(1), this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

The District reserves the right to reject all bids. Any bid not conforming to the intent and purpose of the Contract Documents may be rejected. The District may extend the time to award the Contract.

Dated: 9/12/2024

Mammoth Community Water District

By: *Keith Weiland*

\_\_\_\_\_

Keith Weiland  
Line Maintenance Supervisor

**1.2 BID**

TO: Mammoth Community Water District, 1315 Meridian Boulevard, Mammoth Lakes, CA 93546

The undersigned states and declares as follows:

That the Bidder has carefully examined the location of the proposed work; that the Bidder has examined the Contract Documents entitled: MCWD 2024 Hot Mix Patching; that the Bidder has read the accompanying Instructions to Bidders; that the Bidder hereby proposes to begin work and complete the project in accordance with the schedule and deadlines in the Contract Documents; that the Bidder hereby proposes to furnish all labor, materials, tools, and equipment, and to perform all work required, complete in place, in compliance with all terms and condition and requirements of the Contract Documents; and that the Bidder will take in full payment for the work the prices set forth in the accompanying bid schedule.

The Bidder acknowledges that the following quantities are approximate only, being given as a basis for the comparison of proposals, that the District does not expressly or by implication agree that the actual amount of the work will correspond therewith, and that the District reserves the right to increase or decrease the amount of any class or portion of the work, as may be deemed necessary or advisable by the Engineer.

The Bid Schedule contains the cost schedules to be completed by the Contractor for the Services described above. The costs schedules are divided into lump sum, per item (each), and linear foot items. Payment for each item will be made at the specified lump sum or unit price quoted herein. A sub-total is to be provided for the Base and Alternative Scope of Services and a total amount for all services is to be included with the Contractor’s proposal.

Whenever the Contractor is required to perform work or furnish equipment, labor, tools and materials of any class of work contained in the specifications for which no price is fixed in the proposal, it shall be understood that such work, equipment, labor, tools, and material shall be provided without extra charge, allowance, or direct payment of any kind. The cost of performing such work or furnishing such equipment, labor, tools, and materials shall be included in the bid prices in the proposal and no additional compensation will be made therefore.

The following surety or sureties have agreed to furnish a payment bond to the Bidder if it is awarded the contract:

Name of Payment Bond Surety: \_\_\_\_\_

**BIDDER INFORMATION**

Bidder Name: \_\_\_\_\_

Type of Business Entity and State of Incorporation (e.g., corporation, limited liability company, partnership):  
\_\_\_\_\_

Contractor's License No.: \_\_\_\_\_

DIR Public Works Contractor Registration No.: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

Type of license: \_\_\_\_\_

Name under which license is held: \_\_\_\_\_

Status of license: \_\_\_\_\_

The Bidder's authorized officer identified below hereby declares that the representations in this Bid are true and correct and of my own personal knowledge, and that these representations are made under penalty of perjury under the laws of the State of California.

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

**1.3 BID SCHEDULE**

**Base Bid Schedule – MCWD 2024 Hot Mix Patching**

Item No.	Description	Units	Quantity	Unit Cost (\$)	Amount (\$)
1	Mobilization and site prep	LS	1		
2	12" T patch grinding Approx 2326sq-ft at 15 locations	SF	2326		
3	Hot Mix Paving per TOML Standards Approx 2326sq-ft at 15 locations	SF	2326		
4	Demobilization and Cleanup	LS	1		
\$ BASE BID TOTAL					\$

## 1.4 DESIGNATION OF SUBCONTRACTORS

In compliance with Public Contract Code section 4100 et seq. each bidder shall set forth below the: (a) name, location of the mill, shop, or office, and California contractor’s license number of each subcontractor who will perform work or labor or render service to the Contractor in or about the construction of the work or improvement to be performed under these specifications in excess of one-half of 1% of the Contractor's total bid, (b) description of the type of work to be performed by each such subcontractor, and (c) portion of the work (expressed in dollar amount) that will be performed by each such subcontractor.

If the Contractor fails to specify a subcontractor for any portion of the work to be performed under the Contract, it shall be deemed to have agreed to perform such portion itself, and it shall not be permitted to subcontract that portion of the work except under the conditions hereinafter set forth.

Subletting or subcontracting of any portion of the work in excess of one-half of 1% of the Contractor's total bid as to which no subcontractor was designated in the original bid shall only be permitted in cases of public emergency or necessity, and then only after a making a written finding as a public record of the District setting forth the facts constituting the emergency or necessity.

Subcontractor (name, address, Subcontractor’s CSLB License Number, Subcontractor’s DIR Public Works Contractor Registration Number)	Description of Subcontractor Work	Portion of Work (\$)

Subcontractor (name, address, Subcontractor's CSLB License Number, Subcontractor's DIR Public Works Contractor Registration Number)	Description of Subcontractor Work	Portion of Work (\$)

Additional pages attached: \_\_\_\_\_



**1.5 EXPERIENCE QUALIFICATIONS**

The Bidder has been engaged in the contracting business, under the present business name for \_\_\_years. Experience in work of a nature similar to that covered in the Bid extends over a period of \_\_\_\_ years.

The Bidder, as a contractor, has never failed to satisfactorily complete a contract awarded to it, except as follows:

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The following contracts have been satisfactorily completed in the last three years for the persons, firm or entity indicated:

Year	Owner	Type of Work	Contract Amount



**1.6 NONCOLLUSION DECLARATION TO BE EXECUTED BY  
BIDDER AND SUBMITTED WITH BID (PUBLIC CONTRACT CODE SECTION 7106)**

The undersigned declares:

I am the \_\_\_\_\_ (Title)  
of \_\_\_\_\_ (Bidder), the  
party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on \_\_\_\_\_  
\_\_\_\_\_, at \_\_\_\_\_, \_\_\_\_\_.

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**1.7 ACKNOWLEDGMENT OF INSURANCE REQUIREMENTS**

By signing below Bidder acknowledges the insurance requirements as listed in the ‘Mammoth Community Water District Short Form Public Works Construction Contract’ (Appendix B). By this acknowledgment, the Bidder and its insurance provider(s) and surety(ies) certify that they have read and understand the insurance and bonding requirements in their entirety, including limits of coverage, additional insureds and endorsements, and bonding requirements, and that the Bidder can provide the insurance coverage and bonds as required in the Contract documents without exception.

Bidder understands that if the insurance coverage provided in the attached ‘Mammoth Community Water District Short Form Public Works Construction Contract’ (**Appendix B**), cannot be provided, its bid is subject to rejection by the District as non-responsive.

**BIDDER**

Company Name: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**INSURANCE PROVIDER/SURETY REPRESENTATIVE**

Insurer/Surety Name: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Bidder Must Provide This Acknowledgment for Each Insurer or Surety Providing Insurance Coverage or a Bond under this Contract**

## Appendix A Attachment 1

### Mammoth Community Water District Hotmix Patching

	Estimated Square Footage	GPS Location
Joaquin Rd 2X	126	37°38'32.9"N 118°58'36.5"W
Manzanita and Dorrance	577	37°38'38.9"N 118°58'24.9"W
64 Mountain Blvd (Private)	53	37°38'59.3"N 118°58'32.5"W
3305 Main St. Schats bakery	55	37°38'49.8"N 118°58'15.6"W
Cortina Court	506	37°39'19.7"N 118°58'57.8"W
The Bridges	308	37°38'19.0"N 118°59'48.5"W
Coldwater Camp Ground	48	37°35'28.5"N 118°59'21.0"W
Lake Mary Marina (USFS)	111	37°35'55.7"N 118°59'58.9"W
Lake Mary Pokenobe (USFS)	104	37°36'27.4"N 119°00'21.2"W
226 Valley Vista	200	37°38'06.0"N 118°59'03.3"W
231 Valley Vista	42	37°38'06.1"N 118°59'03.2"W
238 Valley Vista	126	37°38'06.0"N 118°59'03.2"W
The Point Condoes (Private)	35	37°38'12.2"N 118°58'27.0"W
Woodman&Cliff Circle	38	37°37'35.9"N 118°59'16.0"W
Total	2325.45 ft sq	

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**SECTION 000**  
**GENERAL**

LAST REVISION : JULY 2013

**GENERAL**

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THESE STANDARDS, THE LATEST VERSION OF THE CALTRANS STANDARD SPECIFICATIONS (CSS), AND THE LATEST VERSION OF THE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
2. WORK SHALL BE DONE IN CONFORMANCE WITH THE MOST RECENT VERSION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STATE OF CALIFORNIA.
3. WORK ON WATER AND SEWER LINES WITHIN THE TOWN SHALL CONFORM TO THE PERMIT REQUIREMENTS OF THE MAMMOTH COMMUNITY WATER DISTRICT.
4. WORK IN STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION RIGHT OF WAY SHALL BE PERMITTED BY THE TOWN AND CALTRANS AND CONFORM TO THE STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION REQUIREMENTS.

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**REFERENCE STANDARDS**

PUBLIC WORKS  
DIRECTOR APPROVAL:

A handwritten signature in black ink, likely belonging to the Public Works Director.

DATE: **May 7, 2014**

STANDARD PLAN

**001-2**

SHEET 1 OF 1

**ABBREVIATIONS**

ALSO REFER TO SECTION 1 OF THE CSS:

AC	ASPHALT CONCRETE	LF	LINEAR FEET
AD	ALGEBRAIC DIFFERENCE	LP	LOW POINT
AGC	ASSOCIATED GENERAL CONTRACTORS OF AMERICA	MAT'L	MATERIALS
AGG	AGGREGATE	MJ	MECHANICAL JOINT
APWA	AMERICAN PUBLIC WORKS ASSOCIATION	MLFPD	MAMMOTH LAKES FIRE PROTECTION DISTRICT
ASA	AMERICAN STANDARD ASSOCIATION	MCWD	MAMMOTH COMMUNITY WATER DISTRICT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	NEC	NATIONAL ELECTRIC CODE
BC	BEGIN CURVE	NIC	NOT IN CONTRACT
BM	BENCH MARK	NTS	NOT TO SCALE
BOC	BACK OF CURB	OC	ON CENTER
BVCE	BEGIN VERTICAL CURVE ELEVATION	PCC	PORTLAND CEMENT CONCRETE
BVCS	BEGIN VERTICAL CURVE STATION	PCCC	POINT ON COMPOUND CURVE
CFS	CUBIC FEET PER SECOND	PERF	PERFORATED
CITY	TOWN OF MAMMOTH LAKES	PL	PROPERTY LINE
CL	CENTERLINE	PP	POWER POLE
CMP	CORRUGATED METAL PIPE	P.U.E.	PUBLIC UTILITY EASEMENT
CMU	CONCRETE MASONRY UNIT	PVC	POINT ON VERTICAL CURVE
CO	CLEAN OUT	POVC	POLYVINYL CHLORIDE
CONC.	CONCRETE	PVI	POINT OF VERTICAL INTERSECTION
CPP	CORRUGATED PLASTIC PIPE	PVMT	PAVEMENT
CS	CRAWL SPACE	RCP	REINFORCED CONCRETE PIPE
CSP	STATE OF CALIFORNIA DOT STANDARD PLANS, MOST RECENT EDITION	REQMT'S	REQUIREMENTS
CSP	CORRUGATED STEEL PIPE	ROW	RIGHT OF WAY
CSS	STATE OF CALIFORNIA DOT STANDARD SPECIFICATIONS, MOST RECENT EDITION	RR	RAILROAD
CU. FT, CF	CUBIC FEET	SD	STORM DRAIN
CY	CUBIC YARDS	SDN	SUBDRAIN
DI	DROP INLET	SDMH	STORM DRAIN MANHOLE
DIA	DIAMETER	SL	SEWER LATERAL
DIP	DUCTILE IRON PIPE	SQ.FT.,SF	SQUARE FEET
EC	END CURVE	SS	SANITARY SEWER
EG	EXISTING GROUND	SSMH	SANITARY SEWER MANHOLE
EL,ELEV	ELEVATION	SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION, PREPARED BY SOUTHERN CALIFORNIA CHAPTERS OF AGC AND APWA
EOR	ENGINEER OF RECORD	STA	STATION
EP	EDGE OF PAVEMENT	STND	STANDARD
EQ	EQUIVALENT	SWPPP	STORM WATER POLLUTION PREVENTION PLAN
EX	EXISTING	TBM	TEMPORARY BENCH MARK
EVCE	END VERTICAL CURVE ELEVATION	TC	TOP OF CURB
EVCS	END VERTICAL CURVE STATION	TF	TOP OF FOOTING
FF	FINISHED FLOOR	TG	TOP OF GRATE
FG	FINISHED GRADE	TOML	TOWN OF MAMMOTH LAKES
FH	FIRE HYDRANT	TOWN	TOWN OF MAMMOTH LAKES
FL	FLOWLINE	TW	TOP OF WALL
FM	FORCE MAIN	TYP.	TYPICAL
FPS	FIRE PROTECTION SERVICE	UG	UNDERGROUND
FS	FINISHED SURFACE	VC	VERTICAL CURVE
GB	GRADE BREAK	VLT	VAULT
GP	GATE POST	VCP	VITRIFIED CLAY PIPE
H	HEIGHT	WL	WATER LATERAL
HMA	HOT MIX ASPHALT	WS	WATER SERVICE
HP	HIGH POINT		
HDPE	HIGH DENSITY POLYETHYLENE		
I.FT.	INVERT ELEVATION		
INTX	INTERSECTION		
INV	INVERT		
JMF	JOB MIX FORMULA		

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**ABBREVIATIONS AND DEFINITIONS**

PUBLIC WORKS DIRECTOR APPROVAL: *[Signature]*

DATE: **May 7, 2014**

STANDARD PLAN

**002-2**

SHEET 1 OF 2



**DEFINITIONS**


ALSO REFER TO SECTION 1, "DEFINITIONS AND TERMS" OF THE CSS.

- BIDDER: ANY INDIVIDUAL, FIRM, PARTNERSHIP, CORPORATION, OR COMBINATION THEREOF, SUBMITTING A PROPOSAL FOR THE WORK CONTEMPLATED, ACTING DIRECTLY OR THROUGH A DULY AUTHORIZED REPRESENTATIVE.
- DEPARTMENT: PUBLIC WORKS DEPARTMENT, TOWN OF MAMMOTH LAKES.
- DIRECTOR: DIRECTOR OF PUBLIC WORKS DEPARTMENT, OR HIS DESIGNEE
- DUE NOTICE: A WRITTEN NOTIFICATION, GIVEN IN DUE TIME, OF A PROPOSED ACTION WHERE SUCH NOTIFICATION IS REQUIRED BY THE CONTRACT TO BE GIVEN A SPECIFIED INTERVAL OF TIME (USUALLY 48 HOURS OR TWO WORKING DAYS) PRIOR TO THE COMMENCEMENT OF THE CONTEMPLATED ACTION. NOTIFICATION MAY BE FROM ENGINEER TO CONTRACTOR OR FROM CONTRACTOR TO ENGINEER.
- ENGINEER: TOWN ENGINEERING DIVISION, ACTING EITHER DIRECTLY OR THROUGH RESIDENT ENGINEER. THE PUBLIC WORKS DIRECTOR ACTING WITHIN THE SCOPE OF THE PARTICULAR DUTIES ENTRUSTED TO THEM.
- ENGINEER OF RECORD DESIGN ENGINEER, ENGINEER RESPONSIBLE FOR THE SIGNING OF PLANS WILL ALSO SET DIRECTION OF DESIGN PROCESS
- LABORATORY: THE DESIGNATED LABORATORY AUTHORIZED BY THE TOWN TO TEST MATERIALS AND THE WORK INVOLVED IN THE CONTRACT.
- PROMPT: THE BRIEFEST INTERVAL OF TIME REQUIRED FOR A CONSIDERED REPLY, INCLUDING TIME REQUIRED FOR APPROVAL OF A GOVERNING BODY.
- STATE: THE STATE OF CALIFORNIA.
- CALTRANS STANDARD PLANS (CSP): STATE OF CALIFORNIA DOT STANDARD PLANS DATED 2010, OR MOST RECENT.
- CALTRANS STANDARD SPECIFICATION (CSS): STATE OF CALIFORNIA DOT STANDARD SPECIFICATIONS, DATED 2010, OR MOST RECENT.
- TOWN COUNCIL: THE BODY CONSTITUTING THE AWARDED AUTHORITY OF THE TOWN.
- TOWN: THE TOWN OF MAMMOTH LAKES
- TOWN ENGINEER: PUBLIC WORKS DIRECTOR
- REPRESENTATIVE: ENGINEERING DIVISION ACTING EITHER DIRECTLY OR THROUGH PROPERLY AUTHORIZED AGENTS ACTING WITHIN THE SCOPE OF THE PARTICULAR DUTIES ENTRUSTED TO THEM.
- WORKING DAYS: A WORKING DAY IS DEFINED AS ANY DAY, EXCEPT SUNDAYS, LEGAL HOLIDAYS AND DAYS WHEN WORK IS SUSPENDED BY THE ENGINEER, AS PROVIDED IN SECTION 8 OF THE CSS.

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**






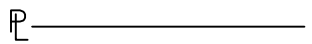

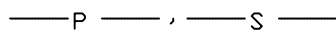



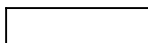

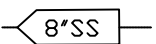

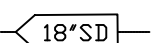

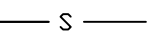











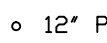
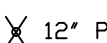

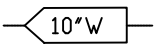







**ABBREVIATIONS AND DEFINITIONS**

PUBLIC WORKS DIRECTOR APPROVAL: 

DATE: **May 7, 2014**

STANDARD PLAN  
**002-2**  
SHEET 2 OF 2

<u>DESCRIPTION</u>	<u>EXISTING</u>	<u>PROPOSED</u>
MONUMENT		
POWER POLE		
PROPERTY LINE		
GAS LINE		
ROCK WALL		
SAND		
SANITARY SEWER w/SIZE & DIRECTION INDICATOR		
STORM DRAIN w/SIZE & DIRECTION INDICATOR		
SEWER LATERAL		
SIGN		
STREET LIGHT (LUMINAIRE)		
TRAFFIC SIGNAL		
TREE - DECIDUOUS		
TREE - EVERGREEN		
TREE SIZE AND TYPE		
TREE TO BE REMOVED		
WATER LINE		
WATER VALVE		
WATTLES		
REVISION AND REVISION NUMBER		

TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS



**SYMBOLS**








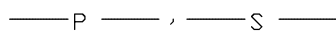



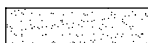

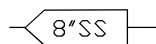

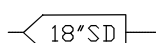

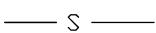











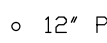
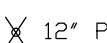

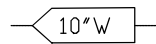





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DESCRIPTION	EXISTING	PROPOSED
MONUMENT		
POWER POLE		
PROPERTY LINE		
GAS LINE		
ROCK WALL		
SAND		
SANITARY SEWER w/SIZE & DIRECTION INDICATOR		
STORM DRAIN w/SIZE & DIRECTION INDICATOR		
SEWER LATERAL		
SIGN		
STREET LIGHT (LUMINAIRE)		
TRAFFIC SIGNAL		
TREE - DECIDUOUS		
TREE - EVERGREEN		
TREE SIZE AND TYPE		
TREE TO BE REMOVED		
WATER LINE		
WATER VALVE		
WATTLES		
REVISION AND REVISION NUMBER		

TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS



**SYMBOLS**

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**A. CONCRETE USED WITHIN TOWN RIGHT OF WAY SHALL MEET THE FOLLOWING REQUIREMENTS (UNLESS OTHERWISE SPECIFIED BY THE TOWN):**

1. CONCRETE SHALL BE IN CONFORMANCE WITH THE MOST RECENT VERSION OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (CSS) SECTION 90.
2. PORTLAND CEMENT CONCRETE SHALL BE CLASS 1 IN ACCORDANCE WITH SECTION 90, " CONCRETE" OF THE CSS AND MIN 7.1 SACK TYPE II OR 1P CEMENT PER CUBIC YARD.
3. AGGREGATE USED FOR CONCRETE SHALL BE NON-REACTIVE OR TREATED IN AN APPROVED MANNER.
4. EXPOSED CONCRETE SHALL CONTAIN 5% ± 1.0% ENTRAINED AIR.
5. CONCRETE SHALL CONTAIN MIN 15% FLY ASH MAX 25%.
6. CONCRETE SHALL BE SEALED WITH A TOWN APPROVED SEALER.
7. FIBER MESH (POLYPROPYLENE) SHALL BE ADDED PER MANUFACTURER'S RECOMMENDATIONS TO ALL CONCRETE THAT HAS A WEARING SURFACE INCLUDING BUT NOT LIMITED TO CURB AND GUTTER, SIDEWALK, CROSSWALKS, EXPOSED UTILITY RIMS, VAULTS, VALLEY GUTTERS, AND AS SPECIFIED.
8. WEARING SURFACE COMPRESSIVE STRENGTH SHALL BE 5000 psi IN 28 DAYS OR AS APPROVED BY PUBLIC WORKS DIRECTOR. ALL OTHER CONCRETE SHALL BE MINIMUM 3600 psi IN 28 DAYS OR AS SPECIFIED ON PLANS.
9. CONCRETE SHALL BE TESTED FOR SLUMP & AIR FOR COMPLIANCE BEFORE THE PLACEMENT OF THE FIRST TRUCK LOAD AND EVERY 50 YARDS THERE AFTER OR AS DIRECTED BY ENGINEER. THE CONTRACTOR SHALL DOCUMENT THE RESULTS AND SUBMIT THESE AND JOB FIELD REPORTS TO THE TOWN ON A WEEKLY BASIS. IN THE EVENT THERE IS A TEST FAILURE, CORRECTIVE ACTIONS SHALL BE TAKEN TO REMEDY THE SITUATION AND THE ACTIONS DOCUMENTED. THE TOWN SHALL BE NOTIFIED IMMEDIATELY. CONCRETE CYLINDERS SHALL BE TAKEN MID LOAD AND EVERY 50 YARDS THEREAFTER.
10. COPIES OF THE BATCH TICKETS SHALL ACCOMPANY THE FIELD REPORTS AND TEST RESULTS.

**B. CONCRETE BACKFILL SLURRY WITHIN TOWN RIGHT OF WAY SHALL MEET THE FOLLOWING REQUIREMENTS:**

1. AGGREGATE USED SHALL HAVE A MINIMUM SAND EQUIVALENT (SE) OF 30.0
2. AT THE OPTION OF THE CONTRACTOR, AGGREGATE SHALL BE EITHER:
  - A. SELECTED MATERIAL WHICH IS FREE OF ORGANIC MATERIAL AND OTHER DELETERIOUS SUBSTANCES AND CONFORMS TO THE FOLLOWING GRADING REQUIREMENTS:

<u>SIEVE SIZES</u>	<u>PERCENTAGE BY WEIGHT PASSING SIEVE</u>
1 1/2 INCH	100
1 INCH	80 - 100
3/4 INCH	60 - 100
3/8 INCH	50 - 100
NO. 4	40 - 100
NO. 100	2 - 40
NO. 200	2 - 15

**B. COMMERCIAL QUALITY CONCRETE SAND WHICH CONFORMS TO THE FOLLOWING GRADE REQUIREMENTS:**

<u>SIEVE SIZES</u>	<u>PERCENTAGE BY WEIGHT PASSING SIEVE</u>
3/8 INCH	100
NO. 4	95 - 100
NO. 8	80 - 100
NO. 16	50 - 85
NO. 30	25 - 60
NO. 50	10 - 30
NO. 200	2 - 15

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**CONCRETE AND SLURRY STANDARDS**

PUBLIC WORKS DIRECTOR APPROVAL:

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3. MIXING:

- A. THE AGGREGATE, CEMENT AND WATER SHALL BE PROPORTIONED BY WEIGHT. 188 POUNDS OF CEMENT (2 SACK) SHALL BE USED FOR EACH CUBIC YARD OF MATERIAL PRODUCED. THE WATER CONTENT SHALL BE SUFFICIENT TO PRODUCE A FLUID, WORKABLE MIX THAT WILL FLOW AND CAN BE PUMPED WITHOUT SEGREGATION OF THE AGGREGATE WHILE BEING PLACED. STRUCTURAL CONCRETE SHALL NOT BE USED.
- B. MATERIALS FOR TRENCH SLURRY BACKFILL SHALL BE THOROUGHLY MACHINE MIXED IN A PUG MILL, ROTARY DRUM, OR OTHER APPROVED MIXER. MIXING SHALL CONTINUE UNTIL THE CEMENT AND WATER ARE THOROUGHLY DISPERSED THROUGHOUT THE MATERIAL. TRENCH SLURRY BACKFILL SHALL BE PLACED WITHIN ONE HOUR AFTER MIXING OR IT SHALL BE REJECTED.

4. COMPRESSIVE STRENGTH:

- A. 100 PSI IN 28 DAYS.
- B. NO LABORATORY TESTS ARE REQUIRED IF THE CONTRACTOR USES CONCRETE SAND AS AGGREGATE. CONTRACTOR WILL BE REQUIRED TO SUBMIT MIX DESIGN PRIOR TO PLACEMENT. THE INSPECTOR WILL USE THE BATCH TICKET AS PROOF OF THE SACK MIX. IF REQUIRED, OCCASIONAL COMPRESSIVE STRENGTH TESTS AND AGGREGATE GRADATIONS MAY BE PERFORMED.
- C. STRUCTURAL CONCRETE SHALL NOT BE USED AS SLURRY BACKFILL.


5. PLACING

- A. SLURRY SHALL BE PLACED AND VIBRATED BY MECHANICAL MEANS.

TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS



**CONCRETE AND SLURRY STANDARDS**

PUBLIC WORKS  
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A. SPECIFICATIONS FOR BACKFILL AND DENSIFICATION

WHERE SPECIFIC RECOMMENDATIONS HAVE NOT BEEN PREPARED BY A GEOTECHNICAL INVESTIGATION THE FOLLOWING SHALL APPLY:

BACKFILL SHALL BE CONSIDERED AS STARTING ONE FOOT ABOVE THE PIPE OR CONDUIT, OR AT THE TOP OF CONCRETE BEDDING OVER THE PIPE OR CONDUIT. ALL MATERIAL BELOW THIS POINT SHALL BE CONSIDERED BEDDING. ROCKS GREATER THAN 3 INCHES IN ANY DIMENSION WILL NOT BE PERMITTED IN THE BACKFILL PLACED ABOVE ANY PIPE OR BOX WHEREVER THE TRENCH WIDTH IS 4 FEET OR NARROWER. WHEREVER TRENCH WIDTHS ARE GREATER THAN 4 FEET, ROCKS LARGER THAN 3 INCHES BUT LESS THAN 12 INCHES IN ANY DIMENSION WILL BE PERMITTED AS BACKFILL NO CLOSER THAN 2 FEET FROM THE TOP OF PIPE OR BOX AND 2 FEET BELOW FINISHED PAVEMENT SUB GRADE OR WITHIN 2 FEET OF RISERS, VALVES, MANHOLES, OR OTHER STRUCTURES, PROVIDING THE FOLLOWING CONDITIONS ARE MET:

1. BACKFILL MATERIALS SHALL BE SCREENED OR "GRIZZLED" PRIOR TO BEING USED AS BACKFILL.
2. ROCKS SHALL BE MIXED WITH SUFFICIENT VOLUME OF SUITABLE SOIL SO AS TO ELIMINATE NESTING OF ROCK AND VOIDS.
3. TRENCHES SHALL BE AT LEAST 4 FEET WIDE IF A COMPACTOR ON THE END OF A TRACK EXCAVATOR BOOM IS UTILIZED, OR AT LEAST 8 FEET WIDE IF A FULL SIZED ROLLER IS USED. A FULL SIZED ROLLER SHALL CONSIST OF A SHEEPSFOOT OR DRUM ROLLER HAVING METAL DRUMS OR SHELLS NOT LESS THAN 4 FEET IN DIAMETER. HAND TAMPING COMPACTORS OR ROLLERS WILL BE USED TO OBTAIN COMPACTION WITHIN 2 FEET OF RISERS, VALVES, MANHOLES, OR OTHER STRUCTURES, AND WILL ASSIST IN OBTAINING COMPACTION ALONG EDGES OF TRENCHES. HOWEVER, THEY WILL NOT BE PERMITTED TO BE USED IN LIEU OF THE EQUIPMENT SPECIFIED IF ROCK LARGER THAN 3 INCHES IN ANY DIMENSION IS USED AS BACKFILL.
4. THE CONTRACTOR SHALL DEMONSTRATE TO THE ENGINEER AND THE TESTING AGENCY THAT ADEQUATE COMPACTION CAN BE OBTAINED WITH THE MATERIALS, EQUIPMENT, AND PROCEDURES TO BE USED.
5. THE LOOSE THICKNESS OF EACH LAYER OF EMBANKMENT MATERIAL BEFORE COMPACTION SHALL NOT EXCEED 8 INCHES FOR HAND TAMPERS AND 12 INCHES FOR ROLLER COMPACTORS.
6. IF, IN THE OPINION OF THE ENGINEER AND/OR TESTING AGENCY, THE BACKFILL SOILS CANNOT BE SATISFACTORILY TESTED TO DETERMINE IF COMPACTION CRITERIA IS MET, THE TESTING AGENCY OR ENGINEER, MAY AT THEIR OPTION REQUEST THE CONTRACTOR TO MODIFY HIS MATERIALS AND PROCEDURES SO THE TESTING CAN BE PERFORMED OR MAY USE A METHOD SPECIFICATION BASED ON THE EQUIPMENT AND MATERIALS BEING USED TO VERIFY THAT THE ADEQUATE COMPACTION IS OBTAINED.
7. CONSTRUCTION SHALL NOT BE PERFORMED WHEN MATERIAL IS FROZEN OR A BLANKET OF SNOW PREVENTS PROPER COMPACTION

ALL BACKFILL MATERIALS SHALL BE COMPACTED IN 8" MAXIMUM LIFTS TO 95% OF THE MATERIALS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557-CURRENT EDITION. IN PLACE DENSITY SHALL BE TESTED AND CONFIRMED USING ASTM TEST METHOD D 6938.

B. MASS GRADING BACKFILL AND DENSIFICATION

1. ROCKS LARGER THAN 12 INCHES IN ANY DIMENSION SHALL NOT BE PERMITTED WITHOUT AUTHORIZATION OF THE ENGINEER AND ONLY AFTER A SATISFACTORY METHOD OF OBTAINING ADEQUATE COMPACTION HAS BEEN DEVELOPED AND AGREED TO.
2. WHERE ROCKS ARE USED IN THE BACKFILL, THEY SHALL BE MIXED WITH SUITABLE EXCAVATED MATERIALS SO AS TO ELIMINATE VOIDS.
3. AFTER PLACING OF BACKFILL HAS STARTED, THE CONTRACTOR SHALL PROCEED AS SOON AS PRACTICABLE WITH DENSIFICATION. ALL BACKFILL MATERIALS SHALL BE COMPACTED IN 8" MAXIMUM LIFTS TO 95% OF THE MATERIALS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557-CURRENT EDITION. IN PLACE DENSITY SHALL BE TESTED AND CONFIRMED USING ASTM TEST METHOD D 6938. BACKFILL IN NON-STRUCTURAL AREAS SHALL BE DENSIFIED TO AT LEAST 85% OF THE MATERIALS MAXIMUM DRY DENSITY.

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**BACKFILL STANDARDS**

PUBLIC WORKS  
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C. SPECIFICATIONS FOR TRENCH SLURRY BACKFILL:

1. TRENCH SLURRY BACKFILL SHALL CONSIST OF A FLUID, WORKABLE MIXTURE OF AGGREGATE, 2-SACK CEMENT AND WATER.
2. AT THE OPTION OF THE CONTRACTOR, TRENCH SLURRY BACKFILL MAY BE USED AS A STRUCTURAL BACKFILL FOR PIPE, EXCEPT THAT TRENCH SLURRY BACKFILL SHALL NOT BE USED AS STRUCTURAL BACKFILL FOR ALUMINUM OR ALUMINUM COATED PIPE.
3. WHEN TRENCH SLURRY BACKFILL IS USED FOR STRUCTURAL BACKFILL, THE WIDTH OF THE EXCAVATION SHOWN ON THE PLANS MAY BE REDUCED SO THAT THE SIDE CLEAR DISTANCE BETWEEN THE OUTSIDE OF THE PIPE AND THE SIDE OF THE EXCAVATION, ON EACH SIDE OF THE PIPE, IS A MINIMUM OF 6 INCHES FOR PIPES UP TO AND INCLUDING 42 INCHES IN DIAMETER OR SPAN, ONE FOOT FOR PIPES OVER 42 INCHES IN DIAMETER OR SPAN.
4. TRENCH SLURRY BACKFILL SHALL BE PLACED ONLY FOR THE PORTION OF THE STRUCTURAL BACKFILL BELOW THE ORIGINAL GROUND, THE GRADING PLANE OR THE TOP OF EMBANKMENT PLACED PRIOR TO EXCAVATING FOR THE PIPE. WHERE NECESSARY, EARTH PLUGS SHALL BE COMPACTED AS REQUIRED AT EACH END OF THE PIPE PRIOR TO PLACING BACKFILL IN A MANNER THAT WILL COMPLETELY CONTAIN THE SLURRY IN THE TRENCH.
5. TRENCH SLURRY BACKFILL SHALL BE PLACED IN A UNIFORM MANNER THAT WILL PREVENT VOIDS IN, OR SEGREGATION OF, THE BACKFILL, AND WILL NOT FLOAT OR SHIFT THE PIPE. FOREIGN MATERIAL WHICH FALLS INTO THE TRENCH PRIOR TO OR DURING PLACING OF THE TRENCH SLURRY BACKFILL SHALL BE IMMEDIATELY REMOVED.
6. BACKFILLING OR PLACING ANY MATERIAL OVER TRENCH SLURRY BACKFILL SHALL NOT COMMENCE UNTIL AT LEAST FOUR HOURS AFTER THE TRENCH SLURRY BACKFILL HAS BEEN PLACED, EXCEPT THAT WHEN CONCRETE SAND IS USED FOR THE AGGREGATE AND THE IN-PLACE MATERIAL IS FREE DRAINING, BACKFILLING MAY COMMENCE AS SOON AS THE SURFACE WATER IS GONE. TRENCH SLURRY BACKFILL MAY BE USED AS A SUBSTITUTE FOR AGGREGATE BASE WHEN APPROVED IN ADVANCE BY THE PUBLIC WORKS DIRECTOR.

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**BACKFILL STANDARDS**

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PAVEMENT SPECIFICATIONS

SUBGRADE

SURFACE TO RECEIVE HOT MIX ASPHALT MUST COMPLY WITH THE COMPACTION AND ELEVATION TOLERANCE SPECIFICATIONS IN THE SECTION OF TOWN STANDARDS FOR THE MATERIAL INVOLVED. SURFACE MUST BE FREE OF LOOSE PAVING PARTICLES, DIRT, AND OTHER EXTRANEIOUS MATERIAL BY MEANS INCLUDING FLUSHING AND SWEEPING.

TACK COAT

APPLY TACK COAT:

1. TO EXISTING PAVEMENT INCLUDING PLANED SURFACES.
2. BETWEEN HOT MIX ASPHALT LAYERS EXCEPT LAYERS PLACED THE SAME DAY.
3. BETWEEN HOT MIX ASPHALT LAYERS IF DIRT OR OTHER FOREIGN MATERIAL IS PRESENT ON THE SURFACE INCLUDING HOT MIX ASPHALT LAYERS PLACED THE SAME DAY.
4. TO VERTICAL SURFACES OF:
  - A. CURBS
  - B. GUTTERS
  - C. CONSTRUCTION JOINTS

APPLY TO VERTICAL SURFACES WITH A RESIDUAL TACK COAT RATE THAT WILL THOROUGHLY COAT THE VERTICAL SURFACE WITHOUT RUNNING OFF.

IMMEDIATELY IN ADVANCE OF THE HOT MIX ASPHALT, APPLY ADDITIONAL TACK COAT TO DAMAGED AREAS WHERE LOOSE OR EXTRANEIOUS MATERIAL IS REMOVED.

CLOSE AREAS RECEIVING TACK TO TRAFFIC, SO AS NOT TO TRACK TACK ONTO PAVEMENT SURFACES BEYOND THE JOB SITE.

TRANSPORTING, SPREADING, AND COMPACTING

DO NOT PAVE HOT MIX ASPHALT ON WET PAVEMENT OR FROZEN SURFACE.

CONTRACTOR MAY DEPOSIT HOT MIX ASPHALT IN WINDROWS AND LOAD IN PAVER IF:

1. PAVER IS EQUIPPED WITH A HOPPER THAT AUTOMATICALLY FEEDS THE SCREED
2. LOADING EQUIPMENT CAN PICK UP THE WINDROWED MATERIAL AND DEPOSIT IT IN THE PAVER.
3. ACTIVITIES FOR DEPOSIT, PICK-UP, LOADING, AND PAVING ARE CONTINUOUS.
4. HOT MIX ASPHALT TEMPERATURE IN THE WINDROW DOES NOT FALL BELOW 260° F.

PAVE HOT MIX ASPHALT IN PROPER LIFTS CONSISTING OF 3X THE MAXIMUM NOMINAL SIZE OF THE AGGREGATE.

1. 3/4 INCH AGGREGATE LIFT WILL BE 2 1/4 INCH OR 0.25 FT
2. 1/2 INCH AGGREGATE LIFT WILL BE 1 1/2 INCH OR 0.15 FT
3. 3/8 INCH AGGREGATE LIFT WILL BE 1 1/2 INCH OR 0.15 FT

CONTRACTOR MAY PAVE HOT MIX ASPHALT IN 1 OR MORE LAYERS ON AREAS LESS THAN 5 FOOT WIDE AND OUTSIDE THE TRAVELED WAY INCLUDING SHOULDERS. YOU MAY USE MECHANICAL EQUIPMENT OTHER THAN A PAVER FOR THESE AREAS. THE EQUIPMENT MUST PRODUCE A UNIFORM SMOOTHNESS AND TEXTURE.

HOT MIX ASPHALT HANDLED, SPREAD, OR WINDROWED MUST NOT STAIN THE FINISHED SURFACE OF ANY EXISTING IMPROVEMENTS INCLUDING PAVEMENT.

DO NOT USE PETROLEUM SUCH AS KEROSENE OR DIESEL FUEL TO RELEASE HOT MIX ASPHALT FROM TRUCKS, SPREADERS, OR COMPACTORS.

HOT MIX ASPHALT MUST BE FREE OF:

1. SEGREGATION
2. COARSE OR FINE AGGREGATE POCKETS
3. HARDENED LUMPS

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**PAVEMENT STANDARDS**

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LONGITUDINAL JOINTS IN THE TOP LAYER MUST MATCH SPECIFIED LANE EDGES. ALTERNATE LONGITUDINAL JOINT OFFSETS IN LOWER LAYERS AT LEAST 6 INCHES FROM EACH SIDE OF THE SPECIFIED LANE EDGES. YOU MAY REQUEST IN WRITING OTHER LONGITUDINAL JOINT PLACEMENT PATTERNS.

UNTIL THE ADJOINING THROUGH LANE TOP LAYER HAS BEEN PAVED, DO NOT PAVE THE TOP LAYER OF:

1. SHOULDERS
2. TAPERS
3. TRANSITIONS
4. ROAD CONNECTIONS
5. PRIVATE DRIVES
6. CURVE WIDENINGS
7. CHAIN CONTROLS
8. TURNOUTS
9. LEFT TURN LANES

IF THE NUMBER OF LANES CHANGE PAVE EACH THROUGH LANE'S TOP LAYER BEFORE PAVING A CHANGING LANE'S TOP LAYER. SIMULTANEOUS TO PAVING A THROUGH LANE'S TOP LAYER, YOU MAY PAVE AN ADJOINING AREA'S TOP LAYER INCLUDING THE SHOULDERS. DO NOT OPERATE SPREADING EQUIPMENT ON ANY AREA'S TOP LAYER UNTIL COMPLETING FINAL COMPACTION.

IF HOT MIX ASPHALT (LEVELING) IS SPECIFIED, FILL AND LEVEL IRREGULARITIES AND RUTS WITH HMA BEFORE SPREADING HMA OVER BASE, EXISTING SURFACES, OR BRIDGE DECKS. YOU MAY USE MECHANICAL EQUIPMENT OTHER THAN A PAVER FOR THESE AREAS. THE EQUIPMENT MUST PRODUCE A UNIFORM SMOOTHNESS AND TEXTURE. HMA USED TO CHANGE AN EXISTING SURFACE'S CROSS SLOPE OR PROFILE IS NOT HMA (LEVELING).

IF PLACING HOT MIX ASPHALT AGAINST THE EDGE OF EXISTING PAVEMENT, SAWCUT OR GRIND THE PAVEMENT STRAIGHT AND VERTICAL ALONG THE JOINT AND REMOVE EXTRANEOUS MATERIAL WITHOUT DAMAGING THE SURFACE REMAINING IN PLACE. IF PLACING HOT MIX ASPHALT AGAINST THE EDGE OF A LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT AND THE JOINT IS DAMAGED OR IS NOT PLACED IN A NEAT LINE. SAWCUT OR GRIND THE PAVEMENT STRAIGHT AND VERTICAL REMAINING IN PLACE. REPAIR OR REMOVE AND REPLACE DAMAGED PAVEMENT AT YOUR EXPENSE.

ROLLING MUST LEAVE THE COMPLETED SURFACE SMOOTH WITHOUT TEARING, CRACKING, OR SHOVING. COMPLETE FINISH ROLLING ACTIVITIES BEFORE THE PAVEMENT SURFACE TEMPERATURE IS 140°F.

#### COMPACTION EQUIPMENT

EACH PAVING MACHINE SPREADING HMA TYPE A OR B MUST BE FOLLOWED BY THREE ROLLERS:

1. ONE VIBRATORY SPECIFICALLY DESIGNED TO COMPACT HOT MIX ASPHALT. THE ROLLER MUST BE CAPABLE OF AT LEAST 2,500 VIBRATIONS PER MINUTE AND MUST BE EQUIPPED WITH AMPLITUDE AND FREQUENCY CONTROLS. THE ROLLER'S GROSS STATIC WEIGHT MUST BE AT LEAST 7.5 TONS
2. ONE OSCILLATING TYPE PNEUMATIC-TIRED ROLLER AT LEAST 4 FEET WIDE. PNEUMATIC TIRES MUST BE OF EQUAL SIZE, DIAMETER, TYPE, AND PLY. THE TIRES MUST BE INFLATED TO 60PSI MINIMUM AND MAINTAINED SO THAT THE AIR PRESSURE DOES NOT VARY MORE THAN 5PSI.
3. ONE STEEL-TIRED, 2-AXLE TANDEM ROLLER. THE ROLLER'S GROSS WEIGHT MUST BE AT LEAST 7.5 TONS.

EACH ROLLER MUST HAVE IT'S OWN OPERATOR UNLESS PAVING UNDER 300 TONS AT WHICH TIME ONLY 2 WILL BE REQUIRED.

#### COMPACTION METHODS

TYPE A AND B HOT MIX ASPHALT

BREAKDOWN = 3 COVERAGE'S OF VIBRATORY ROLLER  
$$\text{SPEED (MPH)} \leq \frac{\text{VIBRATIONS PER MINUTE}}{1000}$$

INTERMEDIATE = 3 COVERAGE'S OF PNEUMATIC-TIRED ROLLER < 5MPH

FINISH = 1 COVERAGE IF STEEL-TIRED ROLLER

### TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS



## PAVEMENT STANDARDS

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SURFACE AND AIR TEMPERATURES

TAKE AMBIENT AIR TEMPERATURES IN THE SHADE

PUBLIC WORKS ENFORCES THE TEMPERATURE RESTRICTIONS

COMPACTED LAYER THICKNESS	ATMOSPHERIC		SURFACE	
	UNMODIFIED	MODIFIED	UNMODIFIED	MODIFIED
<0.15 - FT	55	50	60	55
0.15 - 0.25 - FT	45	45	50	50

HMA TYPE A AND B COMPACTION TEMPERATURES UNMODIFIED, COMPLETE

1. 1ST COVERAGE OF BREAKDOWN BY 250°F.
2. BREAKDOWN AND INTERMEDIATE BY 200°F.
3. FINISH BY 150°F.

MODIFIED, COMPLETE

1. 1ST COVERAGE OF BREAKDOWN BY 240° F.
2. BREAKDOWN AND INTERMEDIATE BY 180° F.
3. FINISH BY 140° F.

CONTRACTOR RESPONSIBILITY

ACCEPTANCE OF PAVING:

CORES ARE TO BE TAKEN ONCE PER PRODUCTION DAY OR EVERY 500 TONS. EITHER A 4 OR 6 INCH CORE (AT CONTRACTOR'S DISCRETION) IS TO BE TAKEN WITHIN 5 DAYS OF BEING LAID. CORES ARE TO TESTED BY THE CONTRACTOR PER THE QUALITY CONTROL REQUIREMENTS AND RESULTS GIVEN TO THE TOWN FOR ACCEPTANCE PER THE JOB MIX FORMULA.

SMOOTHNESS WILL BE CHECKED WITH A 12 FOOT STRAIGHT EDGE AT THE DISCRETION OF THE PUBLIC WORKS DIRECTOR.

MAXIMUM DEVIATIONS ALLOWED AT THE DISCRETION OF THE PUBLIC WORKS DIRECTOR:

1. 0.01 FEET PARALLEL TO CENTERLINE.
2. 0.02 FEET PERPENDICULAR TO CENTERLINE WITHIN A TRAFFIC LANE.

TOWN MAY REQUIRE A PROFILOGRAPH IF CONTRACTOR EXCEEDS THE PRESCRIBED DEVIATIONS

JOINTS AND EDGES SHALL BE, STRAIGHT, FLUSH AND UNRAVELED IN APPEARANCE.

GENERAL:

CONTRACTOR NEEDS TO CONTROL:

1. MATERIALS
2. PROPORTIONING
3. SPREADING AND COMPACTING
4. FINISHED ROADWAY SURFACE

CONTRACTOR DEVELOPS, IMPLEMENTS, AND MAINTAINS A QUALITY CONTROL PROGRAM THAT INCLUDES:

1. INSPECTION
2. SAMPLING
3. TESTING

SUBMIT WRITTEN REPORTS WITHIN THE TIME SPECIFIED IN THE TOWN STANDARDS FOR INSPECTION AND TESTING:

1. SAMPLING LOCATION, QUANTITY, TIME, AMBIENT AIR TEMPERATURE AND SURFACE TEMPERATURE IN THE SHADE.
2. TESTING RESULTS
3. SUPPORTING DATA AND RESULTS

DOCUMENT CORRECTIVE ACTIONS IF BEYOND ACTION LIMITS

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**PAVEMENT STANDARDS**

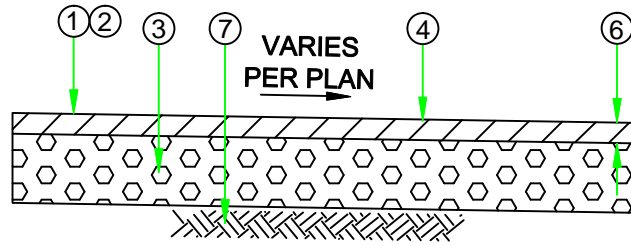
PUBLIC WORKS DIRECTOR APPROVAL: *[Signature]*

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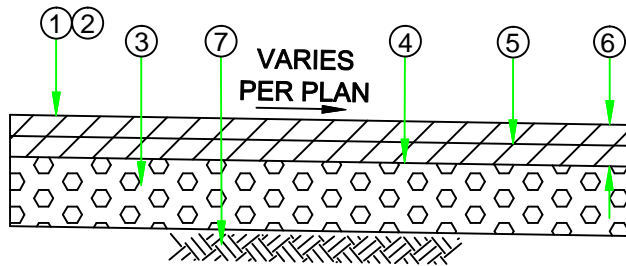
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**TYPICAL PAVEMENT STRUCTURAL SECTION - TYPE 1**

NO SCALE



**TYPICAL STREET STRUCTURAL SECTION - TYPE 2**

NO SCALE

**CONSTRUCTION NOTES**

1. 3/4 INCH, TYPE A ASPHALT CONCRETE FOR COLLECTOR AND ARTERIAL STREETS.
2. LOCAL STREETS AND PRIVATE DRIVES SHALL BE PG64-28 OR PG64-28 PM, AS APPROVED BY PUBLIC WORKS DIRECTOR.
3. CLASS II AGGREGATE BASE COMPACTED TO 95% RELATIVE DENSITY.
4. TYPE 1. 1-1/2 TO 3 INCHES OF ASPHALT CONCRETE PER PLANS.
5. TYPE 2. 1-1/2 TO 3 INCHES PER LIFT FOR 3 TO 5-1/2 INCHES OF ASPHALT CONCRETE SECTION PER PLANS. 3 INCH ASPHALT CONCRETE LIFT SHALL BE PRE-APPROVED BY THE PUBLIC WORKS DEPARTMENT.
6. MIN 3 INCH THICKNESS FOR ANY PRIVATE STREET; MIN 3-1/2 INCH THICKNESS FOR ANY LOCAL STREET; MIN 5-1/2 INCH THICKNESS FOR PUBLIC OR PRIVATE COLLECTOR STREET, ARTERIAL STREET, OR BUS ROUTE.
7. SUBGRADE SCARIFIED FOR 12 INCH AND COMPACTED TO 95% FOR THE UPPER 12 INCHES.

**GENERAL NOTES FOR PAVEMENT STRUCTURAL SECTION**

- A. ASPHALT CONCRETE SHALL BE TYPE A, 3/4 INCH MAXIMUM GRADING AND SHALL CONFORM TO THE PROVISIONS OF SECTION 39, "HOT MIX ASPHALT", OF THE CSS.
- B. SEAL COAT OF SS-1 OR CSS-1 ASPHALT SHALL BE APPLIED AT 40 TO 70 GALLONS PER SQUARE FOOT TO NEW ASPHALT CONCRETE PAVED SURFACES. COMPACTION SHALL BE A MINIMUM OF 95% AND A MAXIMUM OF 99%.
- C. AGGREGATE BASE SHALL BE CLASS 2, 3/4 INCH MAXIMUM GRADING, AND SHALL CONFORM TO THE PROVISIONS OF SECTION 26, "AGGREGATE BASES", OF THE CSS. THE AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE MATERIALS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557-(LATEST EDITION).

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**PAVEMENT STANDARDS**

PUBLIC WORKS DIRECTOR APPROVAL: *[Signature]*

DATE: **May 7, 2014**

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**A. GENERAL CONSTRUCTION REQUIREMENTS WITHIN TOWN RIGHT OF WAY**

1. UNLESS OTHERWISE SPECIFIED, ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THESE STANDARDS, THE LATEST VERSION OF THE CALTRANS STANDARD SPECIFICATIONS (CSS), AND THE LATEST VERSION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
2. WORK SHALL BE DONE IN CONFORMANCE WITH THE MOST RECENT VERSION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. THE TOWN'S REPRESENTATIVE AND ALL OTHER INTERESTED PARTIES SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE START OF WORK.
4. AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING CONSTRUCTION, UNDERGROUND SERVICE ALERT (USA) SHALL BE NOTIFIED AT THE REGIONAL NOTIFICATION CENTER, WITH A REQUEST THAT UTILITY OWNERS MARK OR OTHERWISE INDICATE THE LOCATION OF THEIR FACILITIES. ALL APPROPRIATE UTILITY COMPANIES SHALL ALSO BE CONTACTED. UTILITIES SHALL BE POT HOLED AT CROSSINGS AND TIE-INS PRIOR TO EXCAVATION WORK. ALL MEASURES SHALL BE TAKEN TO PROTECT UTILITIES AND STRUCTURES FOUND AT THE SITE.

**THE TOWN IS NOT PART OF U.S.A. DIG. CONTRACTOR SHALL CALL TOWN OF MAMMOTH LAKES PUBLIC WORKS DEPARTMENT AT 760-934-8989 FOR LOCATION OF TOWN FACILITIES.**

5. PRIOR TO BEGINNING CONSTRUCTION ALL REQUIRED PERMITS MUST BE OBTAINED.
6. PRE CONSTRUCTION MEETINGS ARE REQUIRED BEFORE ANY WORK IS TO BEGIN, EXCEPT FOR THE IMPLEMENTATION OF THE EROSION CONTROL PLAN.
7. WORK IN TOWN OF MAMMOTH LAKES RIGHT OF WAY SHALL COMPLY WITH THE TERMS, CONDITIONS, AND REQUIREMENTS OF THE TOWN ENCROACHMENT PERMIT.
8. THE CONTRACTOR SHALL TAKE ALL SUCH MEASURES NECESSARY TO CONTROL DUST NUISANCE BY CLEANING, SWEEPING, AND SPRINKLING WITH WATER AND USING DUST FENCES OR OTHER METHODS AS DIRECTED BY THE TOWN'S REPRESENTATIVE THROUGHOUT THE CONSTRUCTION OPERATION. ALL EXPOSED SOIL SURFACES SHALL BE MOISTENED AS REQUIRED TO AVOID NUISANCE CONDITIONS AND INCONVENIENCES FOR LOCAL RESIDENTS AND TRAVELERS OF NEARBY ROADWAYS. SUFFICIENT WATER TRUCKS SHALL BE MADE AVAILABLE FOR DUST CONTROL PURPOSES.
9. ANY EVIDENCE OF THE HISTORICAL PRESENCE OF MAN FOUND DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE MAMMOTH LAKES PUBLIC WORKS DEPARTMENT AND CONSTRUCTION SHALL STOP UNTIL FURTHER NOTICE.
10. TREE REMOVAL SHALL BE PERFORMED BY A LICENSED TIMBER OPERATOR ONLY. TIMBER OPERATOR SHALL NOTIFY CALIFORNIA DEPARTMENT OF FORESTRY (714) 782-4140 PRIOR TO COMMENCING WORK. ALL TREE REMOVAL SHALL CONFORM TO THE APPROVED TIMBER HARVEST PLAN, IF REQUIRED, AND CALIFORNIA DEPARTMENT OF FORESTRY. STUMP SHALL BE TREATED WITH SODIUM BORATE WITHIN 8 HOURS OF BEING CUT TO PREVENT ROOT FUNGUS.
11. CONTRACTOR SHALL PROMPTLY CLEAN UP AREAS ADJACENT TO WORK OF ALL DEBRIS.

**B. CONTROL OF WORK:**

1. CONSTRUCTION SHALL BE LIMITED TO 7:00 AM TO 8:00 PM MONDAY THROUGH SATURDAY. OPERATIONS ON SUNDAYS, STATE AND FEDERAL HOLIDAYS, AND TOWN SPECIAL EVENTS ARE PERMITTED ONLY ON APPROVAL OF THE PUBLIC WORKS DIRECTOR AND LIMITED TO 9:00 AM TO 5:00 PM. A WRITTEN PERMIT IS REQUIRED FOR SUNDAY OR OFF HOURS WORK. PERMIT MUST BE LOCATED ON SITE AT ALL TIMES.
2. THE LIMITS OF CONSTRUCTION SHALL BE CAREFULLY AND FULLY FLAGGED PRIOR TO START OF CONSTRUCTION, AND POSTED SO AS TO PREVENT DAMAGE TO VEGETATION AND DISTURBANCE TO SOILS OUTSIDE OF THE AREA OF CONSTRUCTION.

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**GENERAL CONSTRUCTION REQUIREMENTS WITHIN TOWN RIGHT OF WAY**

PUBLIC WORKS DIRECTOR APPROVAL: 

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3. THE CONTRACTOR SHALL SO CONDUCT HIS OPERATIONS AS TO OFFER THE LEAST POSSIBLE OBSTRUCTION AND INCONVENIENCE TO THE PUBLIC, AND HE SHALL HAVE UNDER CONSTRUCTION NO GREATER LENGTH OR AMOUNT OF WORK THAN HE CAN PROSECUTE PROPERLY WITH DUE REGARD TO THE RIGHTS OF THE PUBLIC. CONVENIENT ACCESS TO DRIVEWAYS, HOUSES, AND BUILDINGS ALONG THE LINE OF WORK SHALL BE MAINTAINED AND TEMPORARY CROSSINGS SHALL BE PROVIDED AND MAINTAINED IN GOOD CONDITION. NO MORE THAN ONE CROSSING OR INTERSECTION STREET OR ROAD SHALL BE CLOSED AT ANY ONE TIME. ACCESS TO BUSINESSES AND RESIDENCES SHALL BE MAINTAINED AT ALL TIMES.

**C. SAFETY:**

1. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK, AND THE CONTRACTOR SHALL FULLY COMPLY WITH ALL STATE, FEDERAL, AND OTHER LAWS, RULES, REGULATIONS, AND ORDERS RELATING TO SAFETY OF WORKERS AND ALL OTHERS. THIS MAY INCLUDE THE ISSUANCE OF PERSONAL PROTECTIVE EQUIPMENT.
2. CONTRACTOR SHALL CONDUCT ALL GRADING OPERATIONS IN ACCORDANCE WITH THE TOWN OF MAMMOTH LAKES ORDINANCES AND STANDARDS AND IN CONFORMANCE OF INDUSTRIAL RELATIONS, DIVISION OF INDUSTRIAL SAFETY.
3. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF GENERAL OSHA STANDARDS FOR THE PROTECTION OF WORKMEN AND THE GENERAL PUBLIC. OSHA PERMITS ARE REQUIRED FOR TRENCHES OVER 5 FEET DEEP. A WORKER PROTECTION PLAN SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE TOWN FOR APPROVAL FOR ALL EXCAVATIONS GREATER THEN 4 FEET.
4. ALL OPERATIONS INVOLVING THE STORAGE AND HANDLING OF EXPLOSIVES SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF DIVISION II, PART I, OF THE CALIFORNIA HEALTH AND SAFETY CODE AND ALL OTHER APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL CODES AND REGULATIONS. DRILLING AND BLASTING SHALL ONLY BE DONE UNDER THE DIRECTION OF LICENSED PERSONNEL. ALL PRECAUTIONS NECESSARY FOR THE PROTECTION OF LIFE AND PROPERTY SHALL BE TAKEN DURING BLASTING OPERATIONS AND ADEQUATE WARNING SHALL BE GIVEN TO WORKERS, INSPECTORS, AND PROPERTY OWNERS THAT BLASTING IS IN PROGRESS. THE TOWN SHALL BE NOTIFIED PRIOR TO ANY BLASTING.

**D. EXECUTION:**

1. ALL CUT AND FILL SLOPES SHALL BE REVEGETATED AND/OR LANDSCAPED TO PREVENT EROSION.
2. CUT AND FILL SLOPES SHALL NOT EXCEED A STEEPNESS OF 3:1 (3 FEET HORIZONTAL TO 1 FOOT VERTICAL), UNLESS OTHERWISE NOTED, AND SHALL BE REVEGETATED TO CONTROL EROSION. STOCKPILED TOPSOIL WILL BE SPREAD EVENLY TO A DEPTH OF 4 INCHES MINIMUM OVER SLOPES AND DISTURBED AREAS, THEN LANDSCAPED OR SEEDED TO PREVENT EROSION WITH THE SEED MIXTURE INDICATED IN SECTION 20, "LANDSCAPE" OF THE CSS OR AS SUPPLIED BY THE TOWN. SEEDED SLOPES SHALL BE STABILIZED BY INSTALLATION OF AN EROSION CONTROL BLANKET, "NORTH AMERICAN GREEN SC150", GEOTEXTILES, JUTE MATTING OR APPROVED EQUAL, SECURED PER MANUFACTURES RECOMMENDATIONS.
3. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID INJURY TO EXISTING IMPROVEMENTS OR FACILITIES, UTILITY FACILITIES, ADJACENT PROPERTY, TREES AND SHRUBBERY THAT ARE NOT TO BE REMOVED. ALL DAMAGE CAUSED TO PUBLIC STREET, INCLUDING HAUL ROUTES, ALLEYS, SIDEWALKS, CURBS, OR STREET FURNISHINGS, OR TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE SATISFACTION OF THE TOWN'S REPRESENTATIVE. ALL IMPROVEMENTS REMOVED AS A COURSE OF WORK SHALL BE REPLACED AS APPROVED BY THE OWNER AND TOWN REPRESENTATIVE.

**E. MATERIALS:**

1. SIGNS SHALL BE DESIGNED, SUPPLIED AND INSTALLED IN CONFORMANCE WITH THE STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION DESIGN MANUAL, STANDARDS AND SPECIFICATIONS.
2. SIGN POSTS SHALL BE DESIGNED, SUPPLIED AND INSTALLED IN CONFORMANCE WITH THE STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION DESIGN MANUAL, STANDARDS, AND SPECIFICATIONS
3. INSTALLATION OF TRAFFIC STRIPES AND PAVEMENT MARKINGS WILL BE IN CONFORMANCE WITH THE PROVISIONS OF SECTION 84, "TRAFFIC STRIPES AND PAVEMENT MARKINGS", OF THE CSS. DESIGN OF TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION DESIGN MANUAL.

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**

**GENERAL CONSTRUCTION REQUIREMENTS WITHIN  
TOWN RIGHT OF WAY**

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PUBLIC WORKS

DIRECTOR APPROVAL:

DATE: **May 7, 2014**

**F. INSPECTION:**

1. CONTRACTOR SHALL NOTIFY THE TOWN OF MAMMOTH LAKES PUBLIC WORKS INSPECTOR AT (760) 934-2534, 48 HOURS IN ADVANCE FOR THE INSPECTION OF THE FOLLOWING:
  - TRAFFIC CONTROL
  - SHORING
  - CONCRETE FORMS
  - CONCRETE PLACEMENT
  - REBAR PLACEMENT
  - SUBGRADE
  - FINAL GRADE - BASE COURSE
  - LIGHT POLE FOOTINGS AND ANCHOR BOLTS PRIOR TO CONCRETE POUR
  - HEATING TUBING IN SIDEWALKS PRIOR TO CONCRETE POUR OR INSTALLATION OF PAVERS
  - UTILITY INSTALLATIONS PRIOR TO BACKFILL
  - ADDITIONAL ITEMS AS DETERMINED BY TOWN
  
2. SOILS TESTING SHALL BE PERFORMED BY A STATE APPROVED INDEPENDENT TESTING LABORATORY. SHOULD ANY COMPACTION TEST FAIL TO MEET THE MINIMUM REQUIRED DENSITY AS SPECIFIED ON THE PLANS OR IN THE GEOTECHNICAL REPORT, THE DEFICIENCY SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE SOILS ENGINEER. THE EXPENSE OF RETESTING SUCH AN AREA SHALL BE BORN BY THE CONTRACTOR, AT NO COST TO THE OWNER.

**G. ENGINEERING CERTIFICATION:**

1. ALL IMPROVEMENT PLANS AND THE SPECIFIC DETAILS AND SPECIFICATIONS THEREOF SHALL BE PREPARED BY, OR UNDER THE DIRECTION OF, AND SIGNED BY, A CIVIL ENGINEER LICENSED IN THE STATE OF CALIFORNIA AND SHALL BE SUBJECT TO THE REVIEW AND APPROVAL OF THE TOWN OF MAMMOTH LAKES PUBLIC WORKS DIRECTOR PRIOR TO CONSTRUCTION OF THE IMPROVEMENTS. IT IS RECOGNIZED THAT THERE MAY BE SITUATIONS WHERE THESE STANDARDS CANNOT BE REASONABLY APPLIED OR SITUATIONS NOT ADDRESSED HEREIN. IN EITHER CASE, IT SHALL BE THE SOLE RESPONSIBILITY OF THE PUBLIC WORKS DIRECTOR TO EXERCISE SOUND ENGINEERING JUDGMENT IN APPROVING ALTERNATE PROPOSALS IN THESE SITUATIONS.

**H. SHOP DRAWINGS AND SUBMITTALS**

1. SHOP DRAWING SUBMITTALS SHALL BE PROVIDED TO THE PUBLIC WORKS INSPECTOR AT LEAST 5 DAYS PRIOR TO MATERIAL USE FOR THE FOLLOWING:
  - CLASS II BASE
  - CONCRETE
  - ASPHALT PAVING / (JMF) HMA DESIGN
  - STREET LIGHTS, (SUGGESTED BEFORE ORDERING LIGHTS)
  - ELECTRICAL
  - DRAINAGE COMPONENTS
  - SIGNAGE

**TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS**



**GENERAL CONSTRUCTION REQUIREMENTS WITHIN  
TOWN RIGHT OF WAY**

PUBLIC WORKS  
DIRECTOR APPROVAL: 

DATE: **May 7, 2014**

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SHEET 3 OF 3

## POLICY FOR DEVELOPMENT ON SUB-STANDARD STREETS

THIS POLICY IS INTENDED TO ADDRESS THE DEVELOPMENT ON SUB-STANDARD STREETS WITHIN THE TOWN OF MAMMOTH LAKES. THIS POLICY IS APPLICABLE TO ALL SUB-STANDARD STREETS. A STREET MAY BE DEEMED SUB-STANDARD BY THE PUBLIC WORKS DIRECTOR. A STREET MAY BE CONSIDERED SUB-STANDARD AS A RESULT OF CHANGES MADE TO THE MUNICIPAL CODE, THE SUBDIVISION ORDINANCE OF THE TOWN, AND BY CHANGES IN THE INTERNATIONAL FIRE CODE AS AMENDED BY THE STATE OF CALIFORNIA AND THE MLFPD CODE.

IN SOME CASES, IT MAY NOT BE REASONABLE TO IMPOSE THE APPLICATION OF CURRENT STREET STANDARDS TO A PROPOSED DEVELOPMENT THAT MAY ONLY BE ACCESSIBLE VIA A SUB-STANDARD STREET. OFF-SITE RIGHT-OF-WAY DEDICATIONS AND/OR STREET IMPROVEMENTS THAT WOULD BE REQUIRED TO BRING THE STREET INTO COMPLIANCE MAY BE IMPRACTICAL OR EXTRANEIOUS TO THE PROPOSED DEVELOPMENT. IN SUCH CASES THE FOLLOWING REQUIREMENTS SHALL BE APPLIED TO PROPERTIES ON STREETS AS SUCH:

- RIGHT OF WAY DEDICATIONS SHALL BE REQUIRED ALONG ALL FRONTAGES OF THE SUBJECT PROPERTY. THE DEDICATION SHALL BE HALF WIDTH FROM CENTERLINE, AND SHALL INCLUDE SNOW STORAGE EASEMENTS WHERE REQUIRED.
- ADDITIONAL RIGHT OF WAY OR SNOW STORAGE EASEMENTS MAY BE REQUIRED WHENEVER THE DEVELOPMENT OF THE PROPERTY REQUIRES THE ADDITIONAL DEDICATIONS. STREETS THAT HAVE NOT BEEN ACCEPTED BY THE TOWN AND PRIVATE STREETS SHALL MAKE AN IRREVOCABLE OFFER OF DEDICATION (IOD) FROM THE CENTERLINE OF THE EXISTING EASEMENT OUT TO THE ULTIMATE RIGHT OF WAY. THE IOD MAY NOT BE ACCEPTED UNTIL SUCH TIME AS THE ENTIRE STREET IS TO BE ACCEPTED AS A PUBLIC STREET. SETBACKS SHALL BE MEASURED FROM THE ULTIMATE RIGHT OF WAY.
- ALL PORTIONS OF STREETS FRONTING THE PROPERTY TO BE DEVELOPED SHALL BE IMPROVED TO THE FULL HALF-WIDTH STREET SECTION FROM CENTERLINE, PLUS EIGHT FEET OF PAVEMENT ON THE OPPOSITE SIDE OF THE CENTERLINE.
- IMPROVEMENTS SHALL INCLUDE PAVING, SNOW POLES, SIGNAGE, AND CURB, GUTTER AND SIDEWALK WHERE REQUIRED BY A TOWN ADOPTED PLAN OR POLICY. ADDITIONAL IMPROVEMENTS MAY BE REQUIRED WHEREVER IT IS DEEMED NECESSARY BY THE PUBLIC WORKS DIRECTOR TO PROVIDE FOR SAFE AND REASONABLE TRANSITIONS.
- FIRE DEPARTMENT ACCESS SHALL BE IMPROVED TO THE PROPERTY BY PROVIDING TURNOUTS, FIRE HYDRANTS AND TURNAROUNDS CONSISTENT WITH MLFPD REQUIREMENTS.
- EXISTING DEAD END STREETS BEING DEVELOPED SHALL PROVIDE A CUL-DE-SAC OR TURNAROUND APPROVED BY THE PUBLIC WORKS DIRECTOR
- IN AREAS WHERE INADEQUATE FIRE ACCESS EXISTS THE DEVELOPER MAY BE REQUIRED TO PROVIDE ADDITIONAL PAVEMENT ALONG THE STREET FRONTAGE IN ORDER TO ACCOMMODATE A FIRE ACCESS TURNOUT, THE LENGTH AND WIDTH TO BE DETERMINED BY THE MLFPD. A FIRE HYDRANT MAY ALSO BE REQUIRED. PARKING WOULD NOT BE PERMITTED AND THE ROAD SHALL BE SIGNED AS SUCH ALONG THE TURNOUT, REGARDLESS OF THE FIRE HYDRANT.
- WHEN PROPERTIES ARE TO BE DEVELOPED ON PRIVATE STREETS, UNIMPROVED STREETS OR A STREET THAT IS NOT MAINTAINED BY THE TOWN, THE PROPERTY OWNER SHALL ENTER INTO TWO AGREEMENTS WITH THE TOWN PRIOR TO ISSUANCE OF A BUILDING PERMIT OR RECORDATION OF A MAP. A WAIVER OF RIGHTS FOR THE FORMATION OF AND ANNEXATION INTO AN ASSESSMENT DISTRICT FOR THE CONSTRUCTION OF STREET AND RELATED IMPROVEMENTS, INCLUDING UTILITIES, AND A WAIVER OF RIGHTS FOR THE FORMATION OF A BENEFIT ASSESSMENT DISTRICT FOR THE MAINTENANCE OF THE STREET AND RELATED PUBLIC IMPROVEMENTS.
- EASEMENTS SHALL BE GRANTED WHENEVER REQUIRED BY MUNICIPAL CODE OR AN ADOPTED TOWN PLAN OR POLICY.
- DEVELOPMENT PROJECTS THAT PROPOSE DENSITY IN ADDITION TO THAT WHICH IS ALLOWED BY CURRENT ZONING, OR BY THE REZONING OF THE PROPERTY TO A HIGHER DENSITY SHALL REQUIRE ADDITIONAL IMPROVEMENTS. ALLOWING ADDITIONAL DENSITY IS A DISCRETIONARY PROCESS AND THEREFORE THE EXTENT OF THE ADDITIONAL IMPROVEMENTS IS DISCRETIONARY AND SHALL ADDRESS ALL ISSUES CONCERNING THE PUBLIC HEALTH, SAFETY AND WELFARE AS APPROVED BY THE PLANNING COMMISSION OR TOWN COUNCIL. THIS MAY INCLUDE IMPROVEMENTS OFF-SITE AND NOT ADJACENT TO THE PROPERTY, AND MAY ALSO REQUIRE DEDICATIONS FOR STREET PURPOSES, SNOW STORAGE OR FOR OTHER MEASURES TO MITIGATE NEGATIVE IMPACTS.
- IN THE EVENT THAT A DEVELOPMENT PROJECT IS PROPOSED ALONG AN EXISTING MISALIGNED STREET, WHERE THE ALIGNMENT IS OUTSIDE OF THE ROW, THE REALIGNMENT OF THE STREET TO THE ROW WILL BE AT THE DISCRETION OF THE PUBLIC WORKS DIRECTOR. ANY CONDITION THAT REQUIRES THE RE-ALIGNMENT OF THE STREET WILL BE IN ADDITION TO ALL OTHER CONDITIONS AND REQUIREMENTS WITHIN THIS POLICY, TOWN STANDARDS, AND MUNICIPAL CODE.

THE PUBLIC WORKS DIRECTOR WILL PLACE A MEMO IN THE STREET FILES DESCRIBING ANY INTERPRETATIONS OF THIS POLICY. A MEMO WILL BE CREATED FOR EACH AND EVERY PROJECT THAT THIS POLICY HAS BEEN APPLIED TO.

### TOWN OF MAMMOTH LAKES - DEPARTMENT OF PUBLIC WORKS



## POLICY FOR DEVELOPMENT ON SUB-STANDARD STREETS

PUBLIC WORKS DIRECTOR APPROVAL:

DATE: **May 7, 2014**

STANDARD PLAN

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SHEET 1 OF 1



## MCWD Short Form

**MCWD 2024 HOT MIX PATCHING**

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**1 MCWD SHORT FORM PUBLIC WORKS CONSTRUCTION CONTRACT**

Name of Project	<b>2024 Hot Mix Patching</b>
Contractor Name, Address and Capacity (e.g., corporation, partnership)	
List and Title of Contract Exhibits	Bidding Requirements Plans and Specifications
Type of Required California Contractor’s License Classification	Class A general Engineering
Total Contract Price	\$
Daily Liquidated Damages Amount (insert zero if none)	\$0
District Representative Name, Title, and Address	Keith Weiland  Line Maintenance Supervisor  PO BOX 597 1315 Meridian Blvd. Mammoth Lakes, Ca 93546 760-934-2596x300  Kweiland@mcwd.dst.ca.us
Date of Contract	

This contract is made by and between Mammoth Community Water District and the Contractor named above, who agrees as follows:

**1.1 Scope of Work**

This Public Works Construction Contract, the Contract exhibit(s) listed above, approved Change Orders, and, if applicable, the notice inviting bids, addenda, Contractor’s bid and bid forms constitute the “Contract” between the parties. For purposes of this Contract, the “Work” shall mean the scope of work as described in the exhibit(s).

**1.2 Time of Completion**

**Work related to 2024 Hot Mix Patching as outlined in the Bid schedule and Appendix A Attachments 1,2 is to be completed by 10/15/24 or later with approval**

**from Town of Mammoth Lakes.** The Work shall be completed by the deadline stated in the exhibit(s) or, if no deadline is stated in the exhibit(s), Contractor shall perform the Work diligently and as expeditiously as possible consistent with good and safe construction practices and the orderly progress of the Work. The parties agree that time is of the essence for the performance of this Contract.

**1.3 Contractor’s Performance**

Contractor shall construct, install, perform and do the Work, and shall furnish, provide and pay for all labor, equipment, materials, tools, supplies, transportation, permits, sales and taxes, and shop drawings necessary or appropriate to complete the Work. Contractor shall perform in the Work in a good and workmanlike manner, and such Work shall be done to the approval and satisfaction of District.

**1.4 Contract Price and Payments**

(a) If Contractor performs the Work in accordance with this Contract and to the satisfaction of District, District shall pay Contractor in the amount and manner as set forth in the Bid Schedule; however, the total Contract price shall not exceed the sum stated above, unless otherwise agreed to in writing by the District. No payment, including all progress payments and the final payment, shall be made to Contractor in excess of 95% of the percentage of Work actually completed plus a like percentage of the value of material delivered on the ground or stored subject to, or under control of, District. The five percent not paid shall be withheld by District until final completion and acceptance of the Work. However, in lieu of withholding of money, and in accordance with the provisions of California Public Contract Code section 22300, Contractor may substitute securities to ensure performance under the Contract.

(b) If payment is to be made by progress payments, then, in accordance with California Public Contract Code section 20104.50, a written payment request from Contractor shall be reviewed by District as soon as practicable in order to determine whether it is proper. If District determines it not to be a proper payment request suitable for payment, then District shall return it to Contractor with a written explanation of the deficiencies as soon as practicable, but not later than seven days after receipt of the payment request. If District determines the payment request to be properly submitted and undisputed, the District shall make the payment to Contractor within 30 days after receipt of the payment request. If District does not pay a properly submitted and undisputed payment request within this 3-day period, then District shall pay interest on the overdue amount to Contractor at the legal rate set forth at California Code of Civil Procedure section 685.010. This subsection shall not apply if District funds are not available for payment of the payment request or if payment is delayed due to an audit inquiry by the financial officer of District.

(c) No progress or final payment shall be considered or construed to be an approval or acceptance of any Work, materials or equipment, or a waiver of any breach or default. Estimated amounts and values of Work done and materials and equipment incorporated into the Work will be conformed with actual amounts and values as they become available in subsequent progress payments and the final payment. All payments will be subject to correction in subsequent progress payments and the final payment.

**1.5 Compliance with Laws**

Contractor shall give all notices and comply with all federal, state and local laws, statutes, regulations and ordinances applicable to the performance of the Work. Contractor is responsible for the safety of its workers and Contractor shall comply with, and require its workers to comply with, all applicable federal and state worker and job site safety-related

laws and regulations, including, but not limited to, applicable federal Department of Labor, Occupational Safety and Health Administration (“OSHA”) regulations and California Department of Industrial Relations (including the Division of Occupational Safety and Health and Occupational Safety and Health Standards Board (“Cal/OSHA”)) regulations and safety orders. Contractor shall promptly notify District’s Representative in writing of any specification at variance therewith and any necessary changes shall be adjusted as provided in the Contract for changes in the work. If Contractor performs any work knowing it to be contrary to such laws, ordinances, rules, and regulations and without such notice to District’s Representative, it shall bear all costs arising therefrom.

**1.6 Permits and Licenses**

Permits, licenses, and easements necessary for the performance of the Work shall be obtained and paid for by Contractor, unless otherwise provided in the exhibit(s). Contractor must hold the current and valid type of California contractor’s license classification described above for the duration of the Work.

**1.7 Certificates of Reported Compliance**

This Contract is subject to the California Air Resources Board Off-Road Diesel Regulation (Title 13 CCR § 2449). In order to be eligible to perform the Work under this Contract, Contractor must submit to District copies of valid Certificates of Reported Compliance, as described in section 2449(n), for the fleet selected to perform work under this Contract. If applicable, subcontractors must submit copies of valid Certificates of Reported Compliance, as well. If Contractor does not provide said Certificates, Contractor may not perform work under this Contract.

The California Air Resources Board Off-Road Diesel Regulation applies to all self-propelled offroad diesel vehicles with 25 horsepower or greater and most two-engine vehicles (except on-road two-engine sweepers). This includes vehicles that are rented or leased (rental or leased fleets).

**1.8 Bonds**

Promptly upon execution of this Contract and prior to the commencement of any Work, Contractor shall obtain at its sole cost and expense and provide to District a performance bond and payment bond each in the amount of 100% of the amount of this Contract. The bonds must be issued by a surety admitted in California and be in a form acceptable to District. The bonds must comply with California Civil Code section 9550 and 9554 and applicable provisions of the California Bond and Undertaking Law (Code Civ. Proc. § 995.010 et. seq.).

**1.9 Authority of District and District’s Representative**

(a) The District’s representative listed above is the representative of the District for purposes of this Contract and has full authority to interpret the Contract, to conduct the construction review and inspection of Contractor’s performance, and to decide questions which arise during the course of the Work. His/her decisions on these matters shall be final and conclusive. District’s Representative has the authority to reject all Work and materials

which do not conform to the Contract, and has the authority to stop the Work whenever such stoppage may be necessary to ensure the proper execution of the Contract. District's Representative's right and authority is limited to rejection of unsatisfactory Work or methods. District and the District's Representative do not bear any responsibility for Contractor's safety practices or procedures. Any order given by District's Representative, not otherwise required by the Contract to be in writing shall, on request of Contractor, be given or confirmed by District's Representative in writing. Whenever Work, methods of procedure, or any other matters are made subject to direction or approval of District, such direction or approval will be given by District's Representative.

(b) Except as provided elsewhere in the Contract, neither District nor District's Representative will be responsible for or have control or charge of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work. Except as provided elsewhere in the Contract, neither District nor District's representative will be responsible for or have control or charge over the acts or omissions of Contractor, or any of their subcontractors, agents or employees, or any other persons performing any of the Work. Any general control of the Work exercised by the District or its authorized representatives shall not make Contractor an agent of District, and the liability of Contractor for all damages to persons and/or to public or private property arising from Contractor's execution of the Work shall not be lessened because of such general control.

#### 1.10 **Contractor's Understanding**

Contractor acknowledges that it has, by careful investigation and inspection, satisfied itself as to the nature and location of the job site; the ground, character, quality and quantity of the materials and conditions to be encountered, including subsoil conditions, if applicable; the character and amount of labor, equipment, supplies and materials needed preliminary to and during the performance of the Work; and all other matters which can in any way affect the Work under this Contract. Contractor further acknowledges that neither District nor District's Representative have made any representations whatsoever concerning job site conditions, except for such representations that may have been made in writing in this Contract.

#### 1.11 **Subcontractors**

All subcontractors and suppliers engaged in work will be considered as employees of Contractor, and Contractor shall be held responsible for their work, which shall be subject to the provisions of the Contract. Contractor will provide the following information (a) the name and the location of the place of business, and California contractor's license number of each subcontractor who will perform work or labor or render service to the Contractor in or about the construction of the work or improvement, and of each subcontractor who, under subcontract to Contractor, is to specifically fabricate and install or provide a portion of the work or improvement according to the Contract, in any amount in excess of ½ of 1 percent of the Contract amount. Contractor shall ensure that all subcontractors employed on the work comply with all applicable laws and regulations, including payment of prevailing wages, employment of apprentices, and preparation and submission of accurate and complete payrolls. Contractor shall be fully responsible to District for the acts or omissions of its subcontractors and of the persons either directly or indirectly employed by them. Nothing contained in this Contract shall create any contractual relationship between any

subcontractor and District. Each subcontract shall contain a suitable provision for the suspension or termination thereof with or without cause. If a legal action, including arbitration and litigation, against District is initiated by a subcontractor or supplier, Contractor shall reimburse District for the amount of legal, engineering and all other expenses incurred by District in defending itself in said action. District and District's Representative reserve the right to approve all subcontractors.

Contractor shall not utilize, or allow work by, any subcontractor who is ineligible to bid or work on, or be awarded, a public works project pursuant to California Labor Code section 1777.1 or 1777.7. (See California Public Contract Code section 6109.) The California Division of Labor Standards Enforcement publishes a list of debarred contractors and subcontractors on the Internet at [www.dir.ca.gov/DLSE/debar.html](http://www.dir.ca.gov/DLSE/debar.html).

#### 1.12 Changes in the Work

District may, at any time, by written change order make changes in the Work, or extend the time to complete the Work, as deemed necessary by District. If such changes cause an increase or decrease in Contractor's cost of, or time required for, performance of the Contract, there shall be an equitable adjustment in the Contract price. The price adjustment shall be determined by one of the following methods in the order of precedence listed:

(a) Based on the unit prices contained in the Bid Schedule.

(b) Mutually agreed-upon lump sum or unit price adjustment.

(c) Contractor's actual cost of labor (wages and benefits), materials (actual purchase price, sales tax, freight & delivery) and equipment/tools (at actual or fair/prevaling rental rates) directly engaged in the performance of the extra work plus 15% mark-up for overhead and profit. For price adjustments under this section, Contractor shall provide to District an itemized breakdown of the quantities and prices used in the extra work, and it shall make available all source documents, including payroll records, invoices, purchase orders, contracts and lease agreements.

#### 1.13 Guarantee

(a) Contractor unconditionally guarantees all materials and workmanship furnished under this Contract, and agrees to replace at its sole cost and expense, and to the satisfaction of District, any and all materials which may be defective or improperly installed. Contractor shall repair or replace to the satisfaction of District any or all such Work that may prove defective in workmanship or materials, ordinary wear and tear excepted, together with any other Work which may be damaged or displaced in so doing. This guarantee shall remain in effect for one year from the date of District's acceptance of the Work. The District shall have the right to call for inspection or inspections of the work before the end of the one-year guarantee period and Contractor shall attend and participate in such inspection(s) upon request of District. This guarantee does not excuse Contractor for any other liability related to defective Work discovered after the guarantee period. Contractor shall transfer to District all manufacturer and supplier warranties relating to the Work, if any, upon completion of the Work and prior to final payment. Any products/completed operations insurance coverage shall be maintained after completion of the project for the full guarantee period.

(b) In the event of failure to comply with the above stated conditions within a reasonable time, District may have the defect repaired and made good at the expense of Contractor, which shall pay the costs and charges for such repair immediately upon demand, including any reasonable management and administrative costs, and engineering, legal and other consultant fees incurred by District in enforcing this guarantee.

#### 1.14 **Suspension of Work**

District may suspend the Work wholly or in part, for such period as District may deem necessary, due to unsuitable weather or to any other conditions District considers unfavorable for the suitable performance of the Work, including the improper performance of the Work by Contractor. Contractor shall immediately comply with such written order of District to suspend the Work wholly or in part and shall be paid for the Work performed to the date of suspension, except for improperly performed Work. The suspended Work shall be resumed only when ordered by District.

#### 1.15 **Termination**

(a) This Contract may be terminated with or without cause at any time by District by giving 10 days' advance written notice to Contractor. In the event of such termination, Contractor shall be compensated for actual Work performed to the date of termination as calculated by District based on the Contract price and payment provisions above.

(b) If District terminates the Contract because of Contractor's failure to do the Work with such diligence as will ensure the completion of the Work within the time specified in the Contract, then District may take over the Work and pursue the same to completion by using another contractor or any other method District deems expedient. In this event, District may also take possession and control of, and utilize in completing the Work, any and all materials, supplies, tools and equipment delivered to the site of the Work by Contractor or by its suppliers or subcontractors. The materials, supplies, tools and equipment remaining after completion of the Work shall be returned to Contractor.

#### 1.16 **Prevailing Wages**

Contractor agrees to pay all workers employed on this Work not less than the general prevailing rate of per diem wages for Work of a similar character in the locality of District, and not less than the general rate of per diem wages for holiday and overtime work, as established pursuant to the California Labor Code (in particular sections 1770-1780) and applicable regulations and orders. A copy of the applicable prevailing rate of per diem wages is available to the contractor at the administrative offices of District. Contractor shall obtain and post a copy of such prevailing wage rates at the job site. Contractor shall also comply with the provisions of California Labor Code section 1775, including provisions which require Contractor to (a) forfeit as penalty to District not more than \$200 for each calendar day or portion thereof for each worker (whether employed by Contractor or any subcontractor) paid less than the applicable prevailing wage rates for any work done under this Contract in violation of the provisions of the California Labor Code, and (b) pay to each worker the difference between the prevailing wage rate and the amount paid to each worker for each calendar day or portion thereof for which said worker was paid less than the prevailing wage.



**1.17 Labor Nondiscrimination**

In accordance with California Labor Code section 1735, throughout the performance of the Contract, Contractor and its subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age (over 40), or sexual orientation (as those discrimination bases are defined in California Government Code sections 12926 and 12926.1) of such persons, except as provided in California Government Code section 12940. Any contractor violating this nondiscrimination provision shall be subject to penalties that may be imposed pursuant to Division 2, Part 7, Chapter 1 of the California Labor Code.

**1.18 Eight-Hour Day Limitation**

(a) Contractor agrees that 8 hours labor shall constitute a day’s work, and no worker, in the employ of the Contractor, or any subcontractor, doing or contracting to do any part of the Work under this Contract, shall be required or permitted to work more than 8 hours in any one calendar day and 40 hours in any one calendar week; provided that subject to California Labor Code section 1815, a worker may perform work in excess of 8 hours per day or 40 hours per week at not less than one and one-half times the basic rate of pay.

(b) Except as provided above for overtime, Contractor shall forfeit as a penalty to District the sum of \$25 for each worker employed in the execution of this Contract by it or by any subcontractor under it for each calendar day during which such worker is required or permitted to Work more than 8 hours in any one day and 40 hours in any one calendar week in violation of California Labor Code sections 1810 through 1815.

**1.19 Payroll Records**

Contractor and each subcontractor shall keep an accurate payroll record showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed in connection with the Work, and shall make such payroll record available for inspection, in accordance with the requirements of California Labor Code section 1776. Contractor shall be responsible to ensure compliance with section 1776. Failure to comply with that section may result in the Labor Commissioner’s assessment of a penalty of \$100 per day per worker.

**1.20 Employment of Apprentices**

Contractor shall comply with, and take such actions as necessary to effectuate, the apprentice employment requirements as set forth at California Labor Code sections 1777.5, 1777.6 and 1777.7.

**1.21 Character of Worker**

If any employee of Contractor or any of its subcontractors shall be incompetent or act in a disorderly or improper manner, such employee or subcontractor shall be removed from the Work immediately, and such person or subcontractor shall not again be employed on the

Work. Such discharge shall not be the basis for any claim for compensation or damages against District, or any of its officers or agents.

### 1.22 **Superintendence**

Contractor shall designate in writing before starting Work an individual as authorized representatives who shall have the authority to represent and act for Contractor. This authorized representative shall be present at the Work site at all times while Work is actually in progress. When Work is not in progress and during periods of Work suspension, arrangements acceptable to District's Representative shall be made for any emergency work that may be required.

### 1.23 **Inspection and Testing of Work**

(a) Unless otherwise provided, all equipment, supplies, materials, and Work shall be subject to inspection and testing by District's Representative. District's Representative will observe the progress and quality of the Work and determine, in general, if the Work is proceeding in accordance with the Contract. District's Representative shall not be required to make comprehensive or continuous inspections to check the quality of the Work, and he or she shall not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the Work. Observations, inspections or testing by District's Representative shall not relieve Contractor of its obligation to conduct comprehensive inspections of the Work and to furnish proper materials, labor, equipment and tools, and perform acceptable Work, and to provide adequate safety precautions, in conformity with the Contract.

(b) Contractor shall provide access to District's Representative and other agents of District, and agents of the federal, state, or local governments at all reasonable hours for inspection and testing to ascertain compliance with the Contract and applicable laws and regulations. Contractor shall cooperate in providing such access, and shall, upon request by District's Representative, promptly provide safe and convenient facilities, labor and materials reasonably needed by District's Representative for performing all inspections and tests.

(c) If, after any inspection or testing by District's Representative, District finds any of the Work to be unacceptable, defective or nonconforming, then Contractor at its sole cost and expense shall replace or repair the Work to the satisfaction of District's Representative. If any Work required to be tested or inspected was installed, covered, or buried without inspection or testing, then, upon request by District's Representative, Contractor shall at its sole cost and expense remove or uncover the Work such that it may be inspected or tested, and replace the Work after completion of the inspection or testing. Upon failure of Contractor to comply with any order of District's Representative made under this section, District may cause the unacceptable, defective or nonconforming Work to be remedied, removed, or replaced, and may deduct the costs therefor from any monies due or to become due Contractor.

#### 1.24 Trade Names and Alternatives

For convenience in designation in the Contract, certain articles or materials to be incorporated in the Work may be designated under a trade name or the name of a manufacturer. The use of an alternative article or material which is of equal quality and of the required characteristics for the purpose intended will be permitted, so long as Contractor shows to the satisfaction of District's Representative that the acceptable quality and suitability of the alternative(s).

#### 1.25 Protection of Work and Safety

(a) Contractor shall be responsible for the care of all Work until its completion and final acceptance by District; and it shall at its own expense replace damaged or lost materials or supplies and repair damaged parts of the Work.

(b) District's Representative's construction review and inspection of Contractor's performance shall not include any review of the adequacy of Contractor's work methods, equipment, bracing or scaffolding or safety measures, in, on, or near the job site.

(c) Contractor shall be solely and completely responsible for the conditions of the job site, including safety of all persons and property during performance of the Work. This requirement shall apply continuously and not be limited to normal working hours. Safety procedures and practices shall conform to all applicable federal, state, and local laws, ordinances, and codes. Contractor shall carefully instruct all personnel as to potential dangers and shall provide such necessary safety equipment and instruction as may be necessary to prevent injury to personnel and damage to property. Contractor shall provide and maintain, in accordance with California Labor Code section 6708, OSHA and Cal/OHSA requirements, adequate emergency first aid treatment for its employees and anyone else who may be injured in connection with the work.

(d) Contractor shall have an Injury/Illness Prevention Program (IIPP) in place to protect the safety of its employees and ensure that its subcontractors also have an IIPP or comply with Contractor's program. The Contractor's IIPP shall comply with and be at least as effective as the requirements of section 3203 of Title 8 of the California Code of Regulations. The Contractor and subcontractors must implement all requirements of and Injury and Illness Prevention Program regulation, unless they can demonstrate that they are exempt from certain specific provisions in the regulation. The Contractor shall submit a copy of its IIPP to the District prior to any work being performed on District property.

(e) If the Work includes the construction, alteration, improvement, or maintenance of electric power generation, control transformation, transmission or distribution lines or equipment within the meaning of Code of Federal Regulations title 29, section 1910.269 or 1926.950, then the Contractor will implement and comply with the requirements of the "contract employer" as described and set forth in section 1910.269 and 1926.950, including, but not limited to, the obligations to properly train the Contractor workers on safety-related work practices and procedures, exchange information with the District concerning unique hazardous conditions presented by the Work, instruct the Contractor workers about the hazardous conditions relevant to the Work, and coordinate with the District on safety-related work rules and procedures. The Contractor also shall be responsible for transmitting safety-

related information under sections 1910.269 and 1926.950 with any subcontractors retained by it to perform electrical-related Work under the Contract.

### 1.26 **Protection of Public and Property**

(a) Contractor shall take all necessary or appropriate precautions to prevent damage to all existing improvement, including above ground and underground utilities, pipelines, conduits, trees, shrubbery, fences, signs, mailboxes, driveways, sidewalks, gutters, streets, parking lots or other pavement, levees or embankments, survey markers and monuments, buildings, structures, District's property, adjacent property, and any other improvements or facilities within or adjacent to the job site. If any such improvement or property damaged or destroyed by reason of Contractor's operations, it shall be replaced or restored, at Contractor's sole cost and expense, to a condition at least as good as that prior to the start of Contractor's performance under this Contract.

(b) Contractor shall adopt all practical means to minimize interference to traffic and public inconvenience, discomfort or damage from the Work. All obstructions to traffic shall be guarded by barriers illuminated at night. For any Work on, adjacent to, or interfering with any street, the conditions and limitations applicable to such Work shall be determined by those public agencies or other entities responsible for maintenance of the affected street. Contractor shall determine the nature and extent of all such requirements, and shall comply with all permit and other requirements. As required at any street crossing, Contractor shall provide all necessary flag persons, guardrails, barricades, signals, warning signs and lighting to provide for the safety of existing roads and detours. Immediately after the need for temporary detours ceases, or when directed, Contractor shall remove such detours and perform all necessary cleanup work, including replacement of fences, removal of pavement, necessary replacement of existing roadway appurtenances, grading, soil stabilization and dust control measures.

### 1.27 **Clean-Up**

During the progress of the Work, Contractor shall maintain the job site and related structures, grounds and equipment in a clean, orderly condition and free from unsightly accumulation of rubbish. Upon completion of Work and before final payment, Contractor shall at its own cost and expense clean-up and remove from the vicinity of the Work all rubbish, debris, trash, unused materials and supplies, concrete forms, and temporary bridging and other like materials, belonging to it or used under its direction during the construction of the Work. Where the construction has cross yards or driveways, they shall be restored by Contractor to the complete satisfaction of District's Representative, at Contractor's sole expense.

### 1.28 **Water Pollution**

Contractor shall exercise every reasonable precaution to protect streams, lakes, reservoirs, and canals from pollution with fuels, oils bitumens, calcium chloride, and other harmful materials and shall conduct and schedule its operations so as to avoid or minimize muddying and silting of said streams, lakes, reservoirs, and canals. Care shall be exercised to preserve vegetation beyond the limits of construction. Contractor shall comply with California Fish and Game Code section 5650 and all other applicable statutes and regulations

relating to the prevention and abatement of water pollution. If the Work is subject to the NPDES general permit for stormwater discharges from construction activities, Contractor will comply with all terms and conditions of any applicable special condition, specification or addendum issued by District related to implementation of the Storm Water Pollution Prevention Plan for the Work.

### 1.29 **Underground Work**

If the Work includes excavation and/or trenching deeper than four feet underground, then the following provisions shall apply:

(a) **Protection of Underground Utilities.** Prior to conducting any excavation or trenching, Contractor shall contact the appropriate regional notification center as required by California Government Code sections 4216 and following. In accordance with California Government Code section 4215, District shall be responsible for the timely removal, relocation or protection of existing main or trunkline utility facilities located on the project site and not shown on the plans and drawings. Contractor shall be compensated for the costs of locating, repairing damage not due to the failure of Contractor to exercise reasonable care, and removing or relocating existing main or trunkline utility facilities not indicated on the plans and drawings with reasonable accuracy, and for the equipment on the project necessarily idled during such work; provided that Contractor shall first notify District before commencing work on locating, repairing damage to, removing or relocating the utilities. Contractor shall not be assessed liquidated damages for delay in completion of the project, when the delay was caused by the failure of District or the owner of the utility to provide for removal or relocation of the utility facilities not shown on the plans and drawings.

(b) **Sheeting and Shoring Plan.** If the total amount of the Contract exceeds \$25,000 and the Work involves the excavation of any trench or trenches five feet or more in depth, then, in accordance with California Labor Code section 6705, Contractor shall submit to District for acceptance, in advance of excavation, a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of any such trench or trenches. The plan shall comply with applicable United States Department of Labor regulations (29 C.F.R. 1926) and OSHA and Cal/OSHA construction safety orders and shoring system standards or be prepared by a registered civil or structural engineer who certifies that the plan is not less effective than the shoring, bracing, sloping, or other provisions of the construction safety orders and shoring system standards.

(c) **Unusual Underground Conditions.** In accordance with California Public Contract Code section 7104, the following provisions shall apply to any work that involves digging trenches or other excavations:

(i) If, during any such digging or excavation, Contractor discovers (a) material Contractor believes may be material that is hazardous waste, as defined in California Health & Safety Code section 25117, that is required to be removed to a Class I, II, or III disposal site, (b) subsurface or latent physical conditions at the site differing from those indicated, or (c) unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided in the Contract, then Contractor shall promptly notify District's Representative in

writing and shall not disturb the area of the subject digging or excavation until notified by District's Representative.

(ii) Upon receipt of any notice pursuant to the foregoing subsection, District's Representative shall promptly investigate the conditions, and if he or she finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in Contractor's cost of, or the time required for, performance of the Work, or any part of the Work, it shall issue a change order pursuant to this Contract.

(iii) If there is a dispute between District and Contractor over whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in Contractor's cost of, or time required for, performance of any part of the Work, Contractor shall not be excused for the scheduled completion date, but shall proceed with all work to be performed under the Contract. Contractor shall remain any and all rights provided by this Contract or by law that pertain to the resolution of disputes and protests between the parties.

### 1.30 Hazardous Materials; Hazard Communication

(a) Proposition 65 and the California Health and Safety Code require businesses to provide warnings prior to exposing individuals to materials listed by the Governor as chemicals "known to cause cancer or reproductive toxicity." District may use chemicals on the Governor's list at many of its facilities. In addition, many of these chemicals are present at non-District-owned facilities and locations. Accordingly, in performing the Work under this Contract, Contractor, its employees, agents, and subcontractors may be exposed to chemicals on the Governor's list. Except as provided in subsection (b), Contractor is responsible for notifying its employees, agents, and subcontractors that work performed hereunder may result in exposures to chemicals on the Governor's list.

(b) Before starting work, Contractor shall have a written Hazard Communication Program ("HCP") in place that complies with the requirements of section 5194 of Title 8 of the California Code of Regulations, including the requirements of 8 C.C.R. section 5194(e). The information in Contractor's HCP must include the methods by which Contractor shall communicate to District which hazardous substances it will use and store on the job site(s) to which District's and Contractor's employees and subcontractors may be exposed. Contractor shall submit its HCP to District at the same time as submittal of its initial project schedules or other time designated by District. Contractor will provide copies of safety data sheets ("SDS") for all hazardous substances brought onto and used or stored on the job site(s). Contractor also will ensure that all hazardous substances are marked with Proposition 65 and any other visible warning labels as required by law. Whenever possible, Contractor shall provide SDS for all hazardous substances to District prior to bringing a hazardous substance onto a job site, but will provide all SDS by no later than the time the hazardous substance is physically brought onto the site. District will communicate Contractor's HCP and SDS information to District's employees who work on or will enter the job site. District will provide Contractor with a copy of District's HCP and SDS information specific to District operations on the job site. Contractor shall, in turn, convey this information to its employees and subcontractors. During the course of the work, Contractor will keep copies of both its and District's HCP, SDS and other relevant information at Contractor's job site office.

### 1.31 Contractor's License Notice

Statement required by California Business & Professions Code section 7030: "Contractors are required by law to be licensed and regulated by the Contractors' State License Board which has jurisdiction to investigate complaints against contractors if a complaint regarding a patent act or omission is filed within four years of the date of the alleged violation. A complaint regarding a latent act or omission pertaining to structural defects must be filed within 10 years of the date of the alleged violation. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, P.O. Box 26000, Sacramento, California 95826."

### 1.32 Indemnification

To the fullest extent permitted by law, Contractor shall protect, defend, indemnify and hold harmless District and, if applicable, District's Representative, and their respective officers, directors, agents, employees, volunteers, representatives, boards, and consultants from and against all penalties and fines imposed by law and all loss, claim, cause of action, demand, suit, judgment, cost, damage, expense, and liability (including but not limited to court or arbitration costs and reasonable attorneys' and expert witness fees) resulting from injury to or death of persons, including without limitation employees of the District, District's Representative and Contractor, or damage to or loss of property, caused by, arising out of or in any way connected with the Contractor's or its subcontractors' or suppliers' performance, operations or activities under this Contract, except to the extent the sole negligence, active negligence or willful misconduct of an indemnified party proximately causes the loss, claim, demand, cost, suit, judgment, penalty, fine, cause of action, damage, expense, or liability.

(a) Contractor's duty to defend is a separate and distinct obligation from Contractor's duty to indemnify. Upon the request of an indemnified party hereunder, Contractor shall defend any suit asserting a claim covered by this indemnity and shall pay any costs and expenses that may be incurred by an indemnified party in enforcing this indemnity. Contractor shall defend any suit asserting a claim covered by this indemnity and shall pay any costs and expenses that may be incurred by an indemnified party in enforcing this indemnity. Contractor shall be obligated to defend, in all legal, equitable, administrative, or special proceedings, the District and, if applicable, District's Representative, and their respective officers, directors, agents, employees, volunteers, representatives, boards, and consultants, immediately upon tender to Contractor of the claim in any form or at any stage of an action or proceeding, whether or not liability has been established. The obligation to defend extends through final judgment, including exhaustion of any appeals. In all cases, District shall have the right to approve counsel selected by Contractor in the defense of any legal action or with respect to any claim, which approval shall not be unreasonably withheld. In addition, the indemnified party shall have the right to participate in and be represented by counsel of its own choice and at its own expense in any legal action with respect to any claim.

(b) In any and all claims against the District or District's Representative, and each of their officers, directors, employees and agents by any employee of Contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation under this section shall not be limited in any way by any limitation on the amount or type of damages, compensation or

benefits payable by or for Contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable under Workers' Compensation statutes, disability benefit statutes or other employee benefit statutes.

(c) Neither termination of this Contract, completion of the acts to be performed under this Contract, nor District's Representative's approval or District's acceptance of the work shall release Contractor from its obligations to indemnify and defend District and District's Representative, and their respective officers, directors, agents, employees, volunteers, representatives, boards and consultants.

(d) Submission of insurance certificates or submission of other proof of compliance with the insurance requirements in this Contract does not relieve Contractor from liability under this indemnification provision. The obligations of this section shall apply whether or not such insurance policies shall have been determined to be applicable to any of such damages or claims for damages.

**1.33 Insurance**

(a) The Contractor shall procure and maintain for the duration of the Contract and for five years thereafter, the following insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, its agents, representatives, employees or subcontractors.

(i) General Liability – Commercial General Liability (CGL) – Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars (\$2,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (coverage as broad as the ISO CG 25 03, or ISO CG 25 04 endorsement provided to District) or the general aggregate limit shall be twice the required occurrence limit.

(ii) Automobile Liability – Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01), covering Symbol 1 (any auto) with limit of one million dollars (\$1,000,000) for bodily injury and property damage each accident.

(iii) Workers' Compensation Insurance – The Contractor shall provide workers' compensation coverage as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.

(iv) Builder's Risk – (Course of Construction) – insurance utilizing an "All Risk" (Special Perils) coverage form with limits equal to the completed value of the project and no coinsurance penalty provision.

The above minimum insurance coverage limits can be met through provision of umbrella or excess policy insurance coverage consistent with the provisions of this section.



(b) If the Contractor maintains broader coverage and/or higher limits than the minimums shown above, the District requires and shall be entitled to the broader coverage and/or higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum of insurance and coverage shall be available to the District. Furthermore, the above minimum insurance coverage limits can be met through provision of umbrella or excess policy insurance coverage consistent with the provisions of this section [1.33](#).

(c) Any deductibles or self-insured retentions must be declared to and approved by District. At the option of District, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects District, its officers, officials, employees and volunteers; or Contractor shall procure a bond or other security guaranteeing payment of losses and related investigations, claim administration and defense fees, costs and expenses. All policies that include a self-insured retention shall include a provision that payments of defense costs and damages (for bodily injury, property damage, personal injury or any other coverages included in the policy) by any party, including additional insureds and insurers, shall satisfy the self-insured retention limits.

(d) The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

(i) Waiver of Subrogation (also known as Transfer of Rights of Recovery Against Others to Us): The Contractor hereby agrees to waive rights of subrogation to obtain endorsement necessary to affect this waiver of subrogation in favor of the District, its directors, officers, employees, and authorized volunteers, for losses paid under the terms of this coverage which arise from work performed by the Name Insured for the District; this provision applies regardless of whether or not the District has received a waiver of subrogation from the insurer.

(ii) District, and its officers, officials, employees, agents and volunteers are to be covered as additional insureds as respects: liability arising out of activities performed by or on behalf of Contractor, products and completed operations of Contractor; premises owned, occupied or used by Contractor; or automobiles owned, leased, hired or borrowed by Contractor. The coverage shall contain no special limitations on the scope of protection afforded to District, its officers, officials, employees, agents or volunteers. The additional insured coverage or endorsement shall comply with California Insurance Code section 11580.04.

(iii) For any claims related to this project, Contractor's general and automobile liability coverage shall be primary insurance as respects District, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by District, its officers, officials, employees, agents or volunteers shall be excess to Contractor's insurance and shall not contribute with it.

(iv) Any failure to comply with reporting or other provisions of the policies including breaches of warranties shall not affect coverage provided to District, and its officers, officials, employees, agents or volunteers.

(v) Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

(vi) Each insurance policy required by this section shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, or reduced in coverage or in limits except after 30 days' prior written notice by U.S. mail has been given to District, or after 10 days' written notice in the case of cancellation for non-payment of premium.

(e) Course of construction policies shall contain, or be endorsed to contain, the following provisions: (a) District shall be named as loss payee; and (b) the insurer shall waive all rights of subrogation against District.

(f) Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII or equivalent and that are authorized to do business in California, unless otherwise approved by District. In the case of Workers' Compensation and Employer's Liability insurance, coverage provided by the California State Compensation Insurance Fund is acceptable.

(g) Before commencing work, Contractor shall provide to District the following proof of insurance: (a) certificate(s) of insurance on ACORD Form 25-S (or insurer's equivalent) evidencing the required insurance coverages; and (b) endorsement(s) on ISO Form CG 20 10 (or insurer's equivalent), signed by a person authorized to bind coverage on behalf of the insurer(s) and certifying the additional insured coverages, or equivalent additional insured blanket endorsement. District reserves the right to require complete copies of all required insurance policies and/or endorsements affecting required insurance coverage at any time.

(h) Contractor shall include all actions and activities of its subcontractors as insureds under its policies, or shall require each subcontractor to provide insurance coverage consistent with the foregoing and to furnish separate endorsements or certificates to District. All coverages for subcontractors shall be subject to all of the requirements stated in this section.

(i) Contractor shall maintain all required insurance coverages for the period provided in this section. If any of the required coverages expire during the coverage period, Contractor shall obtain renewal or replacement coverages and deliver certificates for the renewed or replacement coverages and any required endorsements to District at least 10 days before the expiration date of the existing coverage.

(j) Any products/completed operations insurance coverage shall be maintained after completion of the Work for the full guarantee period.

(k) The requirements as to the types, limits, and Districts approval of insurance coverage to be maintained by Contractor are not intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by Contractor under the Contract.

(l) In addition to any other remedy District may have, if Contractor or any of its subcontractors fails to maintain the insurance coverage as required in this section, District may obtain such insurance coverage as is not being maintained, in form and amount

substantially the same as required herein, and District may deduct the cost of such insurance from any amounts due or which may become due Contractor under this Contract.

(m) Contractor shall execute and file with District the attached Contractor's Workers' Compensation Certificate in accordance with California Labor Code section 1861.

#### 1.34 **Final Acceptance and Date of Completion**

(a) Whenever Contractor shall deem all Work under this Contract to have been completed, it shall so notify District's Representative in writing, and District's Representative or other District representative shall promptly ascertain whether the Work has been satisfactorily completed and, if not, shall advise Contractor in writing of specific defects and any additional Work required.

(b) Neither the final payment nor any part of the retained percentage shall become due until Contractor, if required, shall deliver to District, a complete release of all liens and claims arising out of this Contract, or receipts in full in lieu thereof and, if required in either case, an affidavit that so far as it has knowledge or information the releases and receipts include all the labor and material for which a lien or claim could be filed; but Contractor may, if any subcontractor refuses to furnish a release or receipt in full, furnish a bond satisfactory to District, to indemnify the District against any lien or claim. If any lien or claim remains unsatisfied after all payments are made, Contractor shall refund to District all monies that the latter may be compelled to pay in discharging such a lien, or claim, including all costs and reasonable attorneys' fees.

(c) When all the provisions of the Contract have been fully complied with to the satisfaction of District, District will accept the Work in writing and make the final payment to Contractor. As a condition of receiving the final payment, Contractor must execute and deliver to District, as appropriate, a Conditional Waiver and Release Upon Final Payment or Unconditional Waiver and Release Upon Final Payment in the form provided in Civil Code sections 8136 or 8138, respectively.

(d) Except for any sum required to be withheld by law or allowed to be held under this Contract, the 5% retention shall be paid 35 days after District's acceptance of the Work. In accordance with California Public Contract Code section 7107(c), in the event of a dispute between the parties, District may withhold from the final payment to Contractor an amount not to exceed 150% of the disputed amount.

#### 1.35 **Right to Withhold Payments**

(a) In addition to all other rights and remedies of District provided by law and this Contract, District may withhold the whole or any part of any progress or final payment to such extent as may reasonably be necessary to protect District from loss on account of: (a) unacceptable, defective or nonconforming Work not remedied; (b) claims or liens filed or reasonable evidence indicating probably filing of claims or liens including, but not limited to, claims under sections 1775, 1776 and 1777.7 of the California Labor Code or the public works stop notice provisions in the California Civil Code; (c) failure of Contractor to make payments properly for labor, materials, equipment, or other facilities, or to subcontractors and/or suppliers; (d) a reasonable doubt that the Work can be completed for the balance then

unearned; (e) failure of Contractor to clean up the job site, repair or replace damaged or affected improvements or property; or (f) damage to job site, completed Work, or other real or personal property.

(b) Whenever District withholds any monies pursuant to this paragraph, written notice of the amount withheld and the reasons for the withholding will be given to Contractor. After Contractor has corrected the enumerated deficiencies to the satisfaction of District, District will promptly pay to Contractor the amount so withheld. When District withholds monies to protect District against claims under the public works stop payment notice provisions of the California Civil Code, District may at its discretion permit Contractor to deliver a surety bond in terms and amount satisfactory to District, indemnifying District against any loss of expense, and upon acceptance thereof by District, District shall release to Contractor monies so withheld.

### **1.36 State Audit Contingency**

Contractor acknowledges that this Contract, and performance and payments under this Contract, are subject to examination and audit by the State Auditor General for three years following final payment under this Contract pursuant to California Government Code section 8546.7.

### **1.37 Liquidated Damages**

If Contractor does not complete the Work, as determined by District, before the expiration of the Contract time limit, or within any time extension granted by District, then District will sustain damage, and that it may be impracticable to determine the actual amount of damage by reason of the delay. The parties therefore agree that Contractor shall pay District as damages the daily liquidated damages amount stated above for each and every day's delay in finishing the Work beyond the Work completion deadline. The parties agree that this liquidated damages provision is reasonable under the circumstances existing at the time the Contract was made. District shall have the right to deduct the amount of liquidated damages from any money due or to become due Contractor.

### **1.38 Waiver of Interest**

District shall have no obligation to pay and Contractor hereby waives the right to recover interest with regard to monies which District must withhold by reason of judgment, order, statute or judicial process, or which it may withhold pursuant to this Contract.

### **1.39 Claims and Resolution of Disputes**

(a) General. The parties intend that differences between the parties, arising under the Contract, be brought to the attention of the District at the earliest possible time in order that such matters may be settled, if possible, or other appropriate action promptly taken. The parties agree to initially strive to resolve all disputes amicably and in an informal manner. Any dispute resolved informally shall be documented by the District, and if the dispute resolution involves a change in the contract work, increase or decrease in the compensation due the Contractor, or adjustment in the time of completion of the Work, then the informal dispute resolution shall be confirmed by a Change Order pursuant to section [1.12](#). Informal

discussions or negotiations with the District or its representatives concerning informal resolution of a dispute shall not toll or suspend the claim filing and other deadlines provided below, unless so provided by the District in writing. Willingness of the District to engage in any such discussions is not a waiver of the District's right to deny a claim or dispute based on lack of merit, or procedural deficiency, or both.

(b) **Compliance Required.** Contractor shall not be entitled to any additional time to complete Work or the payment of any additional compensation for claimed extra work (or otherwise on account of any claim of any additional compensation for claimed extra work occurrence) unless either District has issued a Change Order pursuant to section [1.12](#) or a claim has been timely filed and approved pursuant to this section. If the Contractor fails to file a written claim within the claim deadline in section [1.39\(d\)](#), then the Contractor agrees that it was waived any right or remedy to thereafter pursue the claim against the District in any administrative, arbitration or litigation proceeding, and the District may elect to document this waiver.

(c) **Scope of Claims.** A claim for purposes of this section means a separate demand by the Contractor for (a) a time extension (including a demand for relief from damages or penalties for delay assessed by the District under the Contract), (b) payment of money or damages arising from work done by, or on behalf of, the Contractor pursuant to the Contract and payment of which is not otherwise expressly provided for or the Contractor is not otherwise entitled to, or (c) an amount the payment of which is disputed by the District.

(d) **Filing of Contract Claim; Contents; Filing Deadline**

(i) The Contractor shall file any "Contract Claim" with the District. A Contract Claim must (a) be in writing, (b) be labeled or clearly indicated as a claim under the Contract, (c) set forth in detail the reasons why the Contractor believes additional compensation or a time extension is or may be due, the nature of the costs involved, and, insofar as possible, the amount of the claim, and (d) include (or reference earlier provided) documents that support and substantiate the claim as both entitlement and quantification of time, money, or both.

(ii) A Contract Claim must be submitted to the District within the following claim following deadlines:

- A. if a deadline is set forth in the Contract for filing of the particular claim, then the claim must be filed by the specified time;
- B. if the claim relates to extra, additional or unforeseen work for which the Contractor intends to demand additional compensation, a time extension, or both, notice shall be given to the District prior to the time that the Contractor commences performance of the work giving rise to the potential claim for additional compensation or time extension, and Contractor shall not proceed with that work until so directed by the District; and
- C. for all other claims not included within (a) or (b), the claim must be filed on or before 15 days after the date of the occurrence, event or circumstance giving rise to the claim. In no event shall a Contract Claim be filed later than the date of final payment.

(e) Processing of Claims, Generally. This Contract provides for two types of Contract Claims, which will be processed and resolved under different subsections. Any claim for money or damages or for a time extension (i.e., any claim subject to Public Contract Code section 20104) shall be processed and resolved in accordance with section [1.39\(f\)](#). Any Contract Claim sent to District by registered mail or certified mail with return receipt requested (i.e., any claim subject to Public Contract Code section 9204) shall be processed and resolved pursuant to section [1.39\(g\)](#).

(f) Claims for Money, Damages, or for Time Extension

(i) District Response to Contract Claim. The District shall respond in writing to the Contract Claim within 60 days of receipt of the claim (or within 45 days of receipt for claims of less than \$50,000), or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the District may have against the Contractor. If additional information is thereafter required, it shall be requested and provided pursuant to this subsection, upon mutual agreement of the District and the Contractor. The District's written response to the claim, as further documented, shall be submitted to the Contractor within 30 days after receipt (or 15 days after receipt for claims of less than \$50,000) of the further documentation or within a period of time no greater than that taken by the Contractor in producing the additional information or requested documentation, whichever is greater. The District shall not fail to pay money as to any portion of a Contract Claim that is undisputed except as otherwise provided in the Contract.

(ii) Meet and Confer. If the Contractor disputes the District's written response, or the District fails to respond within the time prescribed, the Contractor may notify the District, in writing, either within 15 days of receipt of the District's response or within 15 days of the District's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon such a demand, the District shall schedule to meet and confer conference within 30 days for the parties to consider settlement of the dispute. If the Contractor fails to timely demand a meet and confer conference within the applicable 15-day period, then the Contractor shall be deemed not to dispute the District's written response to the Contract Claim and the District's decision on the Contract Claim shall be final, conclusive and binding, and the Contractor shall be deemed to have waived all its rights to further protest, judicial or otherwise.

(iii) Government Code Claim. Following the meet and confer conference, if the Contract Claim or any portion remains in dispute, the Contractor may file a Government Code Claim as provided in Government Code title 1, division 3.6, part 3, chapters 1 (commencing with section 900) and 2 (commencing with section 910). The running of the period of time within which Contractor must file a Government Code Claim shall be tolled from the time the Contractor submits a timely Contract Claim pursuant to section [1.39\(d\)](#) until the time that the Contract Claim is denied as a result of the meet and confer process, including any period of time utilized by the meet and confer process. The District shall respond to any Government Code Claim in accordance with the Government Claims Act.

(iv) Lawsuit. If the claim is not resolved pursuant to this section, the Contractor may file a lawsuit on the claim within the limitations period provided by the Government Claims Act. If the Contractor fails to timely file a lawsuit within the limitations period of the Government Claims Act, then the District's response to the Government Code Claim shall be final, conclusive and binding on the Contractor, and the Contractor thereafter shall be barred from filing a lawsuit on the claim.

(v) Mediation. If the Contractor timely files a lawsuit, then within 60 days, but no earlier than 30 days, following the filing of responsive pleadings, the court shall submit the matter to non-binding mediation (unless waived by mutual stipulation of both parties). The mediation process shall provide for the selection within 15 days by both parties of a disinterested third person as mediator, shall be commenced within 30 days of the submittal, and shall be concluded within 15 days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both parties. If the parties fail to select a mediator within the 15-day period, any party may petition the court to appoint the mediator. The mediator's fees and expenses shall be split and paid equally between the parties. The court may, upon request by any party, order any witnesses to participate in the mediation process.

(vi) Arbitration. If the matter remains in dispute following the mediation or if the parties waive the mediation, then the case shall be submitted to judicial arbitration pursuant to Code of Civil Procedure part 3, title 3, chapter 2.5 (commencing with section 1141.10), notwithstanding section 1141.11 of that code. The Civil Discovery Act of 1986 (Code of Civil Procedure part 4, title 3, chapter 3, article 3 (commencing with section 2016.010)) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration. The arbitrator shall be experienced in public works construction law. The arbitrator's fees and expenses shall be split and paid equally by the parties, except where the arbitrator, for good cause, determines a different division. The court may, upon request by any party, order any witnesses to participate in the arbitration process. Any party who, after receiving an arbitration award, requests a trial de novo but does not obtain a more favorable judgment shall (in addition to payment of any costs and fees under Code of Civil Procedure part 3, title 3, chapter 2.5 (commencing with section 1141.10)) pay the attorney's fees of the other party arising out of the trial de novo.

(vii) Interest. In any lawsuit filed under this subsection, District shall pay interest at the legal rate on any arbitration award or judgment. The interest shall begin to accrue on the date the lawsuit is filed in court.

(g) Claims Subject to Public Contract Code section 9204

(i) The Contract Claim will be processed and resolved pursuant to Public Contract Code section 9204, which is summarized here:

A. District Review of Claim. Within 45 days after receiving a complete Contract Claim, District shall review the claim and provide the Contractor a written statement identifying what portion of the claim is disputed and what portion is undisputed. District will pay any undisputed portion of the claim within 60 days from the date of the written statement. If District fails to timely issue a written statement, the claim shall be deemed rejected in its entirety.

- B. Meet and Confer Conference. If the Contractor disputes the District's written statement or if the Contract Claim is deemed rejected, the Contractor may demand and the parties will conduct an informal conference to meet and confer regarding settlement in accordance with section 9204, subsection (d)(2). Within 10 business days following the conclusion of the meet and confer conference, District shall provide Contractor a written statement identifying the portion (if any) of the claim remaining in dispute and any undisputed portion will be paid by District within 60 days after this written statement.
- C. Non-Binding Mediation. Any remaining disputed portion of the claim shall be submitted to nonbinding mediation in accordance with section 9204, subsection (d)(2).
- D. Interest. Any amount not paid in a timely manner as required by this subsection shall bear interest at a rate of 7 percent per annum until paid.

The foregoing is summary of section 9204. In the event of any conflict between the summary and section 9204, the statute will govern.

(ii) Lawsuit and Judicial Reference. If mediation is unsuccessful and all or parts of the Contract Claim remain in dispute, then the Contractor may pursue a lawsuit. If the Contractor timely files a lawsuit, the case shall be submitted to judicial reference pursuant to California Code of Civil Procedure sections 638 and 640 through 645.1 (or any successor statute) and California Rules of Court title 3, division 9 (commencing with section 3.900). As authorized by Code of Civil Procedure section 638, a referee will consider and decide all factual and legal issues in the action. Each party acknowledges that it will not have any right to a jury trial or to have any judicial officer besides the referee hear or decide the action. When Contractor initiates the superior court lawsuit, it will, at the same time it files the complaint in the action, also file a motion for appointment of a single referee.

- A. Appointment of a referee shall be by mutual agreement within 30 days between the parties, and if unsuccessful, then by the court and will be governed by Code of Civil Procedure section 640, and subject to objection by either party as provided by Code of Civil Procedure section 641. The referee must be a retired judge or a licensed attorney with at least ten years substantive experience in public works construction matters.
- B. The parties shall be entitled to discovery and the referee shall oversee discovery and may enforce all discovery orders in the same manner as a superior court judge. The referee shall have the authority to consider and rule on appropriate pre-hearing and post-hearing motions in the same manner as a superior court judge. The referee will have the authority to set a briefing and hearing schedule for any such motion or for a hearing on the merits.
- C. The referee's statement of decision shall include findings of fact and conclusions of law. The statement of decision will stand as the decision of the superior court and, upon filing of the statement with the clerk of



the court, judgment may be entered pursuant to Code of Civil Procedure section 644, subsection (a). The parties will have rights to appeal the final judgment so entered.

- D. Each party will pay half of the costs of the referee and the administrative fees of the reference proceeding, and each party will bear its own costs, expenses and attorney fees for the reference proceeding.

(h) **Contract Work Pending Claim Resolution.** Unless otherwise directed in writing by the District, pending resolution of a claim under this section, the Contractor shall continue to diligently prosecute the Work in accordance with the Contract and the instructions of the District.

(i) **Tort Claims.** The provisions of this section apply only to contract-based claims and they shall not apply to tort claims, and nothing in this section is intended nor shall be construed to change the time periods for filing tort claims or actions specified by Government Code title 1, division 3.6, part 3, chapters 1 (commencing with section 900) and 2 (commencing with section 910).

#### 1.40 **Assignment of Anti-Trust Claims**

In entering into this Contract, Contractor offers and agrees to assign to District all rights, title, and interest in and to all causes of action it may have under section 4 of the Clayton Act (15 U.S. Code, section 15) or under the Cartwright Act (chapter 2 (commencing with section 16700) of part 2 of division 7 of the California Business and Professions Code), arising from purchases of goods, services or materials pursuant to this Contract. The assignment shall be made and become effective at the time District tenders final payment to Contractor, without further acknowledgement by the parties.

#### 1.41 **Integration**

This Contract constitutes the sole, final, complete, exclusive and integrated expression and statement of the terms of this contract among the parties concerning the subject matter addressed herein, and supersedes all prior negotiations, representations or agreements, either oral or written, that may be related to the subject matter of this Contract, except those other documents that are expressly referenced in this Contract.

#### 1.42 **Counterparts and Electronic Signatures**

This Contract may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute the same instrument. Counterparts may be delivered by facsimile, electronic mail (including PDF or any electronic signature complying with California's Uniform Electronic Transactions Act (Civ. Code, §1633.1, et seq.) or any other applicable law) or other transmission method. The parties agree that any electronic signatures appearing on the Contract are the same as handwritten signatures for the purposes of validity, enforceability, and admissibility.

**1.43 Independent Contractor**

The relationship between District and Contractor is that of an owner and independent contractor, and all persons hired or employed by Contractor shall be Contractor’s employees, agents or subcontractors.

**1.44 Governing Law**

This Contract shall be construed and enforced in accordance with, and the validity and performance of this Contract shall be governed by, the laws of the State of California.

**1.45 Waiver; Remedies**

Any waiver at any time by either party of its rights with respect to a breach or default or any other matter arising in connection with this Contract shall not be deemed to be a waiver with respect to any other breach, default or matter. The rights and remedies provided in this Contract are in addition to any of the rights and remedies provided by law.

**1.46 Severability**

The illegality or unenforceability of any provision of this Contract shall not render the other provisions unenforceable, invalid or illegal.

**1.47 Binding on Successors**

This Contract shall bind and inure to the benefit of the heirs, successors, assigns, and successor companies of the parties; however, Contractor shall not assign or transfer any rights, obligations or interest in the Contract without the prior written consent of District.

**1.48 Notices**

Any invoice, payment, notice, demand, request, consent, approval or notification of change of address that either party to this Contract may or is required to give to the other party will be in writing and signed for the party by an authorized officer and addressed to the addresses set forth above. All such notices will be deemed to have been received on the day of delivery if either personally delivered or sent by recognized national overnight courier service or three days after mailing if enclosed in a properly addressed and stamped envelope and deposited in a United States post office for first-class delivery. Either party may change its address at any time by notifying the other party in writing of the change of address in accordance with this section.

The parties enter into and execute this Contract effective on the date written above.

**For District:**

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

**For Contractor:**

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

**2 CONTRACTOR’S WORKERS’ COMPENSATION CERTIFICATE**  
(Labor Code Section 1861)

To: Mammoth Community Water District

I am aware of the provisions of section 3700 of the Labor Code, which require every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work under this Contract.

**For Contractor**

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company Name: \_\_\_\_\_

Date: \_\_\_\_\_

**3 PAYMENT BOND**

KOWN ALL MEN BY THESE PRESENTS,

THAT, WHEREAS, the Mammoth Community Water District, hereinafter designated as the “District”, has awarded to \_\_\_\_\_ hereinafter designated as the “Contractor” a Contract for the work described as follows:

**MCWD 2024 Hot Mix Patching**

**T grinding and hot mix patching at 15 various locations throughout Mammoth Lakes.**

WHEREAS, the Contractor is required by the Contract and by the provisions of Division 4, Part 6 of the Civil Code to furnish a bond in connection with the Contract, as hereinafter set forth.

WHEREAS, the Contract by this reference is made a part hereof;

NOW, THEREFORE, we, the undersigned Contractor, as Principal, and \_\_\_\_\_

\_\_\_\_\_, as Surety, a corporation organized and existing under the laws of the State of \_\_\_\_\_, duly authorized and in good standing to transact business under the laws of the State of California, as an admitted Surety, are held and firmly bound unto the District in the sum of \$ \_\_\_\_\_, the sum being not less than one hundred percent (100%) of the total Contract amount payable by the District, under the terms of the Contract, for which payment well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, THAT, if the Contractor, its heirs, executors, administrators, successors, assigns or subcontractors shall fail to pay for any materials, provisions, provender or other supplies or teams, implements or machinery used in, upon, for or about the performance of the work contracted to be done, or shall fail to pay for any work or labor thereon of any kind, or shall fail to pay any of the persons named in Civil Code Section 9100, or shall fail to pay for amounts due under the Unemployment Insurance Code with respect to such work or labor as required by the provisions of Division 4, Part 6 of the Civil Code, or shall fail to pay for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the Contractor and subcontractors pursuant to Section 13020 of the Unemployment Insurance Code with respect to such work or labor, and provided that the claimant shall have complied with the provisions of that Code, the Surety or Sureties hereon will pay for the same in amount not exceeding the sum specified in the Contract, otherwise the above obligation shall be void. In case suit is brought upon this bond, the Surety will pay a reasonable attorney’s fee to the prevailing party to be fixed by the court. This bond shall inure to the benefit of any and all persons, companies and corporations entitled to file claims under Section 9100 of the Civil Code, so as to give a right of action to them or to their assigns

in any suit brought upon this bond. And the Surety, for value received, hereby stipulates and agrees that not change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work or to the specification.

The address or addresses at which the principal and surety(ies) may be served with notices, papers and other documents under the California Bond and Undertaking Law (Code of Civil Procedure section 995.010 et seq.) is the following:

\_\_\_\_\_  
\_\_\_\_\_

IN WITNESS THEREOF, the above bounded parties have executed this instrument under their several seals this \_\_\_\_\_ day of \_\_\_\_\_, the name and corporate seal of each corporate party being hereto affixed and those presents duly signed by its undersigned representative, pursuant to authority of its governing body.

**For Contractor as Principal:**

\_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**For Surety:**

\_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

(Seal)

(NOTE: The date of this bond must not be prior to date of Contract. If Contractor is a partnership, all partners should execute bond.)